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San Francisco (Calif.).

Dept. of Public Health

Bulletin of the Dept.

of Public Health

HEALTH DEPARTMENT

OF THE

City and County of San Francisco, California

Bulletin Published by the Board of Health for the Month of July, 1908

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

CURTIS HILLYER

GUY E. MANNING, M. D.

JNO. P. McLAUGHLIN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer.

W. C. HASSLER, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

Deaths during Month of July, 1908	486
Less Deaths of children under one week of age	14
Non-residents	16
Deaths by violence	54 84 402
Population estimated at 425,000	Annual Death Rate per 1000 inhabitants, 11.34

DEATHS BY SEX				BY COLOR			
Males	301	White	461				
Females	185	Chinese	18				
		Japanese	3				
		Black	4				
BY SOCIAL CONDITION				BY NATIVITY			
Single	223	San Francisco	106				
Married	167	Other parts of California	68				
Widowed	82	Other States	82				
Divorced	1	Foreign Countries	208				
Unknown	13	Unknown	22				

Still births registered (not included in mortality tables): Males, 14; Females, 12. Total, 26.

BIRTHS REGISTERED*

TOTAL.	SEX.		RACE.				Twins (pairs).	Triplets.	NATIVITY OF PARENTS.											MIXED PARENTAGE.			
	Male.	Female.	White.	Chinese	Japanese	Black.			United States	Germany.	Great Britain	Ireland.	Italy.	China.	Japan.	France.	Scandinavia.	Others.	Unascertained.	Anglo Saxon.	Latin.	Others.	
557	269	288	542	9	4	2	9	..	230	21	18	32	57	3	4	14	23	34	1	45	13	62	

*Returns of Births incomplete.

Annual Birth Rate per 1,000 Inhabitants	15.72
Marriage licenses issued	335

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (Bertillon Classification.)		Deaths reported during month July, 1908	SEX.		AGE BY YEARS.										SOCIAL RELATION.			COLOR.				
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
DEATHS FROM ALL CAUSES.		486	301	185	93	20	113	6	11	38	77	56	59	57	69	223	167	96	461	18	3	
I.	General Diseases	142	93	49	7	9	16	5	5	19	23	25	24	16	9	69	52	21	136	5		
II.	Diseases of Nervous System	31	14	17	5	3	8				3	2	7	3	8	12	8	11	31			
III.	Diseases of the Circulatory System	61	39	22			1	1	1	8	6	8	16	21	15	23	23	57	4			
IV.	Diseases of the Respiratory System	47	25	22	12	6	18		1	3	4	3	3	5	10	27	11	9	44	2		
V.	Diseases of the Digestive System	61	35	26	30	2	32		2	2	8	2	6	7	2	39	14	8	58	1	1	1
VI.	Diseases of the Genito-Urinary System	37	22	15						4	10	7	3	3	10	8	21	8	33	4		
VII.	Childbirth	6		6						3	2	1					6		5		1	
VIII.	Diseases of the Skin	2	2											1	1	2		2				
IX.	Diseases of the Locomotor System	5	3	2	2		2					1		1	1	2	1	2	4			1
X.	Malformations	8	3	5	8		8									8		8				
XI.	Early Infancy	23	12	11	23		23									23		23				
XII.	Old Age	4	2	2											4		1	3	4			
XIII.	Violence	54	50	4	1		1	2	7	19	9	8	5	3	13	30	11	51	2	1		
XIV.	Ill-Defined Diseases	5	1	4	5		5								5			5				
I. General Diseases																						
(a) Epidemic Diseases.																						
1.	Typhoid Fever	6	4	2						2		3	1			3	1	2	5	1		
2.	Typhus, Exanthematic																					
3.	Fever, Recurrent																					
4.	Fever, Intermittent and Malarial Cachexia	1	1									1					1	1				
5.	Smallpox																					
6.	Measles																					
7.	Scarlatina																					
8.	Whooping Cough	4	2	2	2	4									4			4				
9.	Diphtheria	3		3		1	1	1			1				3			3				
9a.	Croup																					
10.	Influenza																					
11.	Miliary Fever																					
12.	Cholera, Asiatic																					
13.	Cholera, nostras																					
14.	Dysentery	2	2								1			1		2		2				
15.	Pest (Plague)																					
16.	Yellow Fever																					
17.	Leprosy																					
18.	Erysipelas																					
19.	Other Epidemic Diseases	1	1		1		1								1			1				
(b) Other General Diseases.																						
20.	Purulent Infection and Septicæmia	1		1			1									1			1			
21.	Glanders and Farcy																					
22.	Malignant Pustule and Charbon (Anthrax)																					
23.	Rabies																					
24.	Actinomycosis, Trichinosis, etc																					
25.	Pellagra																					
26.	Tuberculosis of Larynx	1	1									1					1	1				
27.	Tuberculosis of Lungs	45	35	10	1		1	1	2	9	14	4	9	3	2	24	19	2	42	3		
28.	Tuberculous Meningitis	7	4	3	1	5	6	1								7		7				
29.	Tuberculosis, Abdominal																					
30.	Pott's Disease																					
31.	Tuberculous Abscess																					
32.	White Swelling																					
33.	Tuberculosis of Other Organs	1	1									1					1	1				
34.	Generalized Tuberculosis	2	2							1	1					2		2				
35.	Scrofula																					
36.	Syphilis	6	3	3	2		2		1			1	2			4	1	1	6			
37.	Gonorrhea of the Adult																					
38.	Gonorrheal Infections of Children																					
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	3	3									1	1		1	1	1	3				
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	18	11	7						1		4	4	5	4	5	9	4	16	1		1
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	5	2	3							1	2	1	1			4	1	5			
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	3		3									2		1		1	2	3			
43.	Cancer and Other Malignant Tumors of the Breast	2		2										2			1	1	2			

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month July, 1908.	SEX.		AGE BY YEARS.										SOCIAL RELATION.			COLOR.				
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
IX. Diseases of the Locomotor System.																					
146. Diseases of the Bones (nontuberculous)...	5	3	2	2		2					1		1	1	2	1	2	4			1
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)...																					
148. Amputation.....																					
149. Other Diseases of the Organs of Locomotion.....																					
X. Malformations.																					
150. Hydrocephalus.....	1		1	1		1									1			1			
150a. Congenital Malformation of Heart—Cyanosis.....	5	3	2	5		5									5			5			
150b. Other Congenital Malformations.....	2		2	2		2									2			2			
XI. Early Infancy.																					
151. Premature Birth.....	3	2	1	3		3									3			3			
151a. Congenital Debility.....	17	7	10	17		17									17			17			
152. Other Diseases of Early Infancy.....	3	3		3		3									3			3			
153. Lack of Care.....																					
XII. Old Age.																					
154. Senility.....	4	2	2										4		1		3	4			
XIII. Violence.																					
155. Suicide by Poison.....	8	7	1					1	2	2	2	1		1	5	2	8				
156. Suicide by Asphyxia (Gas).....	1	1										1				1	1				
157. Suicide by Hanging or Strangulation.....	2	2					1					1		1		1	1	1			
158. Suicide by Submersion.....	1	1											1			1	1				
159. Suicide by Firearms.....	4	4					1	1	1	1					3	1	4				
160. Suicide by Cutting Instruments.....	3	3						3						1	2		3				
161. Suicide by Jumping from High Places.....	1	1						1								1	1				
162. Suicide by Crushing.....	7	7						4	2	1					5	2	7				
163. Other Suicides.....																					
164. Fractures.....																					
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....																					
166a. Injuries by Machinery.....																					
166b. Injuries in Mines and Quarries.....																					
166c. Railroad Accidents and Injuries.....	1	1						1								1	1				
166d. Street Car Accidents and Injuries.....	7	7						1	1	2	2	1		2	5		7				
166e. Injuries by Horses and Vehicles.....	3	3						3						1	2		3				
166f. Other Accidental Traumatisms.....	4	3	1						2				2		4		3	1			
167. Burns and Scalds.....																					
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....																					
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....	3	3						2		1				2		1	3				
173. Starvation, Privation, Etc.....																					
174. Inhalation of Poisonous Gases (Suicide excepted).....	2	1	1									2			2		2				
175. Other Acute Poisonings.....																					
176. Suffocation.....	2	1	1					1	1					1	1		2				
176a. Injuries at Birth.....	1	1		1		1								1			1				
176b. Homicide.....	3	3						2	1					2	1		2			1	
176c. Other External Violence.....	1	1						1						1			1				
XIV. Ill-Defined Diseases.																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....	2	1	1	2		2								2			2				
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....	3		3	3		3								3			3				
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS.

	1906 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
General Diseases.....	190	190	236	163	141	135	118	109	101	148	176	165
Diseases of Nervous System.....	51	44	48	43	44	47	38	38	32	42	38	48
of Circulatory System.....	143	115	120	78	75	61	63	85	70	74	97	108
of Respiratory System.....	177	80	102	76	60	44	29	42	40	75	78	102
of Digestive System.....	52	50	54	47	76	69	72	46	39	52	50	46
of Genito-Urinary System.....	58	41	69	35	38	36	25	23	26	30	38	38
Childbirth.....	7	7	7	3	4	2	2	2	9	6	3	3
Disease of the Skin.....	3	.....	4	7	2	.....	2	1	4	.....	1	2
of Locomotor System.....	2	1	1	.....	.....	.....	2	.....	.....	3	1	.....
Malformations.....	5	3	5	2	3	5	3	1	.....	6	3	1
Early Infancy.....	28	21	19	8	26	11	29	24	19	18	26	7
Old Age.....	16	10	10	17	13	10	9	14	9	10	7	13
Violence.....	57	68	65	*494	55	23	36	54	47	46	48	62
Ill Defined Diseases.....	6	4	3	7	6	5	4	.....	4	3	5	6
Total Deaths	795	634	743	*980	543	448	432	439	400	513	571	601
Estimated Population.....	475,000	475,000	475,000	475,000	350,000	350,000	350,000	350,000	350,000	375,000	375,000	400,000
Annual Death Rate.....	20.04	15.96	18.72	24.72	18.60	15.36	14.76	15.00	13.68	16.32	18.24	18.00
Under 1 Year.....	.....	.....	.....	.....	.....	†485	†	†	†	84	69	65
1 to 5 Years.....	.....	.....	.....	.....	.....	228	.....	.....	.....	20	31	24
5 to 70 Years.....	.....	.....	.....	.....	.....	2219	.....	.....	.....	349	377	408
70 and Over.....	.....	.....	.....	.....	.....	925	.....	.....	.....	60	94	104
Unknown.....	.....	.....	.....	.....	.....	286	.....	.....	.....	.....	.....	.....
In Public and Private Institutions	†	†	†	461	25	4	118	118	116	200	241	231

†Figures given in this column are from January to June (inclusive).

*Including deaths from earthquake and fire.

‡Figures not obtainable.

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

YEAR.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	297	373	306	375	327	348	318	378	440	405	432	439	4,478
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547

*Records destroyed by fire.

Returns very incomplete.

DISTRIBUTION OF MORTALITY

[illegible]

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries																					
Calvary Rec. Vault	I. O. O. F. Cremations.	I. O. O. F. Rec. Vault.	Laurel Hill Rec. Vault.	Masonic Rec. Vault	National (Presidio.)	U. S. M. H. Yerba Buena Island.	Cypress Lawn (Interments.)	Cypress Lawn (Cremations)	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Indigent).	San Mateo (Chinese.)	Servian.	Sunset (Indigent.)	Woodlawn.	To Medical Colleges	Shipped to Outside Points.	TOTAL.	Indigent Dead.		
70					5	1	61		1	12	7	161	7	32		95	5		15		53	6	1	63	59.5	80		

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																							
Calvary.	City.	I. O. O. F. (bodies.)	I. O. O. F. (ashes.)	Laurel Hill.	Masonic.	Mission Dolores.	National.	U. S. M. H.	Total.	Cypress Lawn.	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Chinese).	Servian.	National, S. F.	Woodlawn.	I. O. O. F. for Cremation.	Laurel Hill S. F. (Ashes.)	Masonic S. F. (Ashes.)	To Home (Ashes).	Cal. Interior (Bodies).	Cal. Interior (Ashes).	Other States.	Total.		
47	19	6	41	6	9				128	8		8		47	3	17		13			33		2		5	33	33		2		2	5	1

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED											TRANSCRIPTS ISSUED	NO.	FEES COLLECTED	
Bath House.	Laundry.	Cigar Factory.	Milk.	Master Plumbers' Licenses.	Manure Wagons.	Vegetable and Manure Wagons.	Scavenger Wagon.	Approvals for Locations of Stables.	School Attendance.	Vaccination Certificates.	Certified Copies Birth.....	28	\$21.00	
											Certified Copies Death.....	60	39.75	
											Permits for Removal of Bodies and Ashes.	128	20.00	
	5		8	265	1	2	1	22	12	21	Total.....	216	\$80.75	

Total, 337

Total of all permits, etc., issued, 553.

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

	SALARIES.	MAINTENANCE	TOTAL
Central Office.....	\$5246.00	\$ 534.38	\$ 5780.38
City and County Hospital.....	3166.20	5806.99	8973.19
Relief Home Aged and Infirm.....	5245.00	5090.51	10335.51
Emergency Hospitals.....	3070.00	676.22	3746.22
Isolation Hospitals—Smallpox Department.....	305.00	171.83	476.83
Leper Department.....	460.00	277.11	737.11
Grand Totals.....	\$17492.20	\$12557.04	\$30049.24

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from June 1908.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To Coroner (Dead on Arrival)	Died	TOTAL	Remaining in Hospital July 31, 1908.	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	5	734	739	418	148	51	30	5	57	2	17	733	6	....	....	....	..	..	..
Harbor.....	....	418	418	383	....	....	19	....	13	..	3	418	....	....	....	..	..	..	
Park.....	....	163	163	159	....	....	2	....	2	....	....	163	....	....	....	..	..	..	
Potrero.....	....	60	60	55	....	....	1	....	4	....	....	60	....	....	....	..	..	..	
Insane Detention.....	....	57	57	20	..	....	....	....	1	....	....	....	....	....	1	3	15	5	12
Totals.....	5	1432	1437	1035	148	51	52	5	77	2	20	1374	6	....	1	3	15	5	12

City and County Hospital

WM. R. DORR, M. D., WARDEN.

Remaining in Hospital from June 1908.	Examined for Admission.	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED										Died	TOTAL.	Remaining in Hospital July 31, 1908	Average Number Patients During Month	
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission					
288	195	..	195	..	483	58	27		30	1	1	1	3	20	7	35	183	300	295.6	92

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Remaining in House from June 1908	Admitted	TOTAL	DISCHARGED								Remaining in House July 31, 1908	Medical Cases Treated	Surgical Cases treated.	Surgical Injuries	Prescriptions Compounded
			At Own Request.	For Cause.	Left Without Permission.	Overstayed Pass.	Sent to City and County Hospital	Sent before Insanity Com.	Died.	TOTAL					
1193	79	1272	62	1	..	7	9	1	14	91	1178	..	..	..	..

ISOLATION HOSPITALS.

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. Remaining June 30	5	..	16	..	..	..
No. admitted	6	11	1	17	..	..
No. discharged.....	..	9	..	..	..	..
No. diagnostic visits.....	21	..	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining July 31	..	2	..	17	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN.

JAMES T. WATKINS, M. D.

Patients treated or examined at office	26	
Visits to patients.....	11	
Sent to City and County hospital.....	7	
Visits to jails.....	10	
Patients in jail.....	93	
Visits to prisons.....	17	
Patients in prison.....	212	
No. of vaccinations (in jail).....	192	
Special visits	10	
Hospitals inspected.....	5	

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED		INVESTIGATED										
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations Performed
G. D. Culver, M.D.....	..	..	..	..	..	..	..	..	..	62	45	107	4	..	6	20	..	1	2	..	1	..	4	38	..
H. L. Curtis, M.D.	..	..	..	..	..	..	..	..	..	70	78	148	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	..	..	..	..	..	..	..	..	..	105	90	195	13	3	..	25	1	28	10	..	1	3	15	89	..
F. C. Muller, M.D.....	..	..	..	..	..	..	..	..	..	104	81	185	13	1	6	24	..	4	8	3	..	3	12	74	7
R. Patek, M. D.....	..	..	..	..	..	..	..	..	..	101	45	146	5	2	..	5	..	4	1	2	..	4	3	26	1
*Totals.....	..	..	..	..	..	..	..	..	..	442	339	781	35	6	12	74	1	37	21	5	2	10	24	227	8

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily.

*Erysipelas 1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED												MATERIALS USED					
Diphtheria	Scarlet Fever	Smallpox	Phthisis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)			
37	10	11	35	..	1	..	7	3	104	268	322000	2682	521	832	..	..	..

I. L. David, Thos. Kane, Disinfectors.

DIVISION OF FOOD INSPECTION

INSPECTORS.	Total	Candy Factories and Stores.	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	150	20	.....	391	.....	.....	1	.....	.....	.....	.....	.....	.....	28	10
E. F. Murphy	351	20	.....	265	.....	27	.....	3	.....	.....	.....	.....	.....	24	12
Totals.....	801	40	.....	656	.....	27	1	3	.....	.....	.....	.....	.....	52	22

Condemnations and Seizures

Fruits.	Vegetables and Cereals.	Canned and Bottled Goods.	Meats and Fish.	Poultry and Game	Miscellaneous.
Apricots 156 Boxes	Artichokes..... 10 Boxes	Bottles..... 183	.....	Geese..... 1	.....
Figs 26 "	Asparagus..... 167 "	Cans..... 1466	.....	Pigeons..... 150	.....
Lemons 25 "	Potatoes..... 521 Sacks	Glasses.....	.....	.....	.....
Peaches 16 "	.....	Galls.....	.....	.....	.....
Plums 160 "	.....	.....	.....	.....	.....
Samples taken for Chemist ..		Samples seized..... 70			
Nuisance complaints referred to Sanitary Division.....		Nuisance complaints referred to Plumbing Division.....		Nuisances abated by written notice..... 1	
Notices served .....		.....		" " " verbal "	

DIVISION OF DAIRY INSPECTION

INSPECTORS.	INSPECTIONS MADE.									ARRESTS MADE					
	No. of Dairies Inspected	No. of Dairy Depots Inspected	TOTAL INSPECTIONS.	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed.	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
W. E. Lendrum.....	9	98	107	965	1	..	..	44	3	..	1	1	..	..	..
E. B. O'Connor	78	32	110	5647	7	5	..	64	14	..	1	1	1	\$20	1
Totals.....	87	130	217	6612	8	5	..	108	17	..	2	2	1	\$20	1

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE					
		Milk Wagons.	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
W. E. Lendrum .....	..	..	..	..	.....	.....	.....	.....	..	..	1	1	..	..	1
T. P. Lydon	*84	79	5	..	.....	.....	.....	.....	1	..	5	5	1	\$25	1
E. F. Murphy .....	..	..	..	..	.....	.....	.....	.....	..	4	..	1	1	50	..
E. B. O'Connor	78	66	12	..	.....	.....	.....	.....	..	..	3	3	1	25	2
Total.....	162	145	17	.....	.....	.....	.....	.....	1	4	9	13	3	\$100	1

* 3 broken in transit.

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves.	R. R. Depots.	Commission Houses.	Chinatown	TOTAL	Fish (lbs.)	Beeves.	Calves.	Hogs.	Sheep.	Lambs.	Poultry.
John Brown.....	514	...	...	..	...	...	514	.....	4846	1537	8858	8805	9380	.....
S. J. Campbell.....	32	315	...	9	71	...	427	125000	1057	775	1065	1045	1185	11908
W. H. Jordan.....	364	...	...	..	...	...	364	.....	4846	1537	6800	6305	16380	.....
T. McEnroe.....	14	248	...	..	...	...	262	.....	296	203	80	960	750	.....
John Regan.....	...	280	280	90	275	390	1315	75000	1650	1400	970	2550	.....	11317
Totals	924	843	280	99	346	390	2882	200000	12695	5452	17773	19665	27695	23228

Condemnations and Seizures

INSPECTOR.	Fish (lbs.)	Beef (lbs.)	Calves.	Sheep.	Lambs	Hogs.	Chickens.	Other Poultry.	Corned Beef (lbs.)	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....	.....	8500	47	6	..	5	...	...	...	...	...	...	...	...	...	...
S. J. Campbell.....	.....	2850	32	...	33	38	66	...	...	...	...	...	...	...	...	...
W. H. Jordan.....	.....	8200	115	44	...	22	...	...	...	4	...	...	...	...	...	...
T. McEnroe.....	.....	450	9	...	53	...	...	...	...	...	...	...	...	...	...	...
John Regan	4850	1400	10	1	...	1	480	4	...	19	...	...	...	...	...	...
Total.....	4850	15400	213	51	86	66	546	4	.....	23	.....	.....	.....	.....	.....	.....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	7446	2737	13805	22180	8858
Supplied from Outside of City..	3544	2011	3940	5674	1683
Totals.....	10990	4748	17745	27854	10541

DIVISION OF PLUMBING INSPECTION

Name of Inspector	INSPECTIONS MADE							NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS			INSPECTIONS			SUMMARY							
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated
*T. J. Farrell (Chief)	113	43	37	193	113	9040	6780	43	13	13	26	26	13	39	11	6	2	20
W. D. Hobro, Jr.	141	80	9	230	141	6400	4000	74	66	32	98	58	151	209	38	...	2	169
H. R. Murphy	80	39	13	132	80	6000	1500	39	54	16	70	23	54	77	29	...	...	48
P. Mulligan	138	69	4	211	138	11040	6900	69	68	69	137	20	68	88	46	14	12	16
J. Robertson	181	98	10	289	181	14480	9050	98	11	7	18	2	11	13	10	1	...	2
J. E. Sweeney																		
Totals	653	329	73	1055	653	46960	28230	323	212	137	349	129	297	426	134	21	16	255

* Absent on leave.

Number of Plans submitted.....237
 Number of Buildings visited249
 Permits granted for repair work.....76

New Fixtures Installed in Old Buildings.									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Cess Pools	Sewers	Traps Near Curb
90	32	39	70	27	4	30	11	3	...

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
2	4	6	4	.....	1	5

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	No. of Rehearings	CONDEMNATIONS						Cases on Hand Pending Final Action by Board	
			Cases on Hand at Last Report	Condemned during the Month	Total	ABATED				Remaining Unabated
						By Repair	By Demolition			
Dwellings	13	8	28	11	39	2	3	.....	34	7
Stables.....	19	8	47	18	65	7	2	.....	50	12
Miscellaneous	10	13	29	9	38	11	2	.....	25	12
Total.....	42	29	104	38	142	20	13	.....	109	29

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist.

EXAMINATIONS MADE.	POSITIVE.	NEGATIVE.	NO GROWTH.	TOTALS.
Diphtheria.....	22	61	2	85
Sputum (for Tuberculosis).....	1	9	..	10
Sputum (for Pneumonia)	..	..	..	..
Diazo Reactions	..	..	..	..
Widal Reactions.....	4	3	..	7
Water	..	..	..	34
Other Examinations	..	2	..	2
Milk	..	..	..	45
Disinfectants	..	..	..	..
Total Examinations.....	27	75	2	183

CHEMICAL DIVISION—TOXICOLOGICAL.

FRANK T. GREEN, Toxicologist.

SAMPLE.	SUBMITTED BY	NAME OF CASE.	RESULT.
Stomach and other organs.....	Coroner's Office.....	Jas. McClarney.....	Phosphorus present.
Stomach	Coroner's Office.....	Richard Collins.....	No poison present.
Stomach and blood.....	Coroner's Office.....	Hugo Rothchild.....	Carbon monoxide.
Stomach	Coroner's Office.....	Mrs. Magnuson.....	No poison present.
Stomach	Coroner's Office.....	G. De Bernardi.....	No poison present.
Stomach	Coroner's Office.....	Neubert Holm.....	No poison present.
Stomach	Coroner's Office.....	Kitty Cooper.....	No poison present.
Stomach	Coroner's Office.....	Thos. Harris.....	No poison present.
Stomach	Coroner's Office.....	Geo. W. Hague.....	No poison present.
Stomach washings and urine.....	Coroner's Office.....	Mrs. E. Rodgers.....	No poison present.
Stomach	Coroner's Office.....	Thos. Scott.....	Potassium cyanide.
Stomach	Coroner's Office.....	Walter Coogle.....	No poison present.
Stomach	Coroner's Office.....	Jas. E. Egan.....	No poison present.
Stomach	Coroner's Office.....	Wm. Hale.....	No poison present.
Stomach	Coroner's Office.....	Samuel Middleton.....	Chloroform present.
Stomach	Coroner's Office.....	Richard Carroll.....	No poison present.
Milks.....	City Chemist.....	.....	Reported.

Total number of samples analyzed during month, 21

CHEMICAL LABORATORY

C. W. BEAVER,
Chief Chemist.

C. F. HOYT,
LOVELL LANGSTROTH,
Assistants.

The work of the Chemical Laboratory for the month of July consisted of the analysis of 158 samples of milk, 2 samples of cream and 32 samples of water. Total number of analyses 192.

MILK.

Of the 158 samples of milk analyzed, 17 samples were found to be below standard (3% butter fat and 8.5% solids not fat,) of which nine samples were sufficiently low to warrant arrest. The samples of cream analyzed were found to be up to standard.

Warrants for arrest were issued upon the following 9 samples, the deficiency in each case being at least 0.3% butter fat, 0.4% solids not fat, or both.

NAMES.

COMPLAINT.

J. Barbe, Enterprise Ranch, 951 15th Avenue, S.....	Diluted with water and solids not fat below 8.5%
J. Kennell, New Boss Dairy, Nine Mile House, San Bruno Road.....	Diluted with water and solids not fat below 8.5%
C. W. Hawes, Bay State Dairy, 20 Connecticut Street.....	Diluted with water, fats below 3% and solids not fat below 8.5%
F. Marty, Mount Hamilton Dairy, 901 Silver Avenue	Diluted with water, fats below 3% and solids not fat below 8.5%
P. Casabon, Enterprise Ranch, 901 15th Avenue, S.....	Diluted with water, fats below 3% and solids not fat below 8.5%
J. Kennell, New Boss Dairy, Nine Mile House, San Bruno Road.....	Diluted with water and solids not fat below 8.5%
Central Milk Co., 21st and Folsom Streets.....	Diluted with water, fats below 3% and solids not fat below 8.5%
M. Mandich, San Pablo Dairy, 3640 17th Street.....	Fats below 3%
L. Anthenien, Green Mountain Dairy, 19 Capp Street.....	Fats below 3% and solids not fat below 8.5%

COURT WORK.

Twelve milk cases were called in court, resulting in three convictions, one dismissal and eight cases pending. Total fines imposed, \$100. Average fine \$33.33-1-3.

WATER

Thirty-two samples were analyzed. They were collected as follows:

Distributing reservoirs and the Lakes Merced of the Spring Valley Water Co., 11 samples. Springs and wells furnishing water to dairy ranches, 13 samples. From miscellaneous sources, 8 samples.

Several samples were taken from taps upon complaint of householders. The trouble in each case was found to be due to local defects in the pipes and not to general contamination.

The table of analytical results of the water analyses are given below.

CHEMICAL LABORATORY--Cont'd.

WATER.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM DISTRIBUTING RESERVOIRS AND THE LAKES MERCED.

(PARTS PER 1,000,000.)

LAB. No.	SOURCE	DATE 1908	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	HARDNESS			REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		Temporary	Permanent	Total	
379	Clay Street Reservoir	July 29	Clear.	337	113	224	29	0.0	0.510	0.018	0.074	2	196	0	196	Taken 4 ft. below surface.
380	Clarendon Heights Tank.	July 29	Clear, with a small amt. of suspended matter.	281	103	178	24	0.0	0.030	0.014	0.070	2	175	9	184	Taken 3½ ft. below surface.
381	Francisco St. Reservoir	July 29	Clear, with a small amt. of suspended matter.	279	98	181	24	0.0	0.002	0.042	0.190	3	168	6	174	Depth of water in reservoir 5 ft. Taken 2 ft. below surface.
382	Presidio Heights Tank	July 29	Clear, with a small amt. of suspended matter.	285	102	183	24	0.0	0.246	0.018	0.104	2	177	11	188	Taken 6 ft. below surface.
383	Lombard St. Reservoir	July 29	Clear, with considerable amt. of susp. matter.	230	77	153	29	0.0	0.024	0.020	0.142	3	123	3	126	Taken 6 ft. below surface at side of reservoir.
385	University Mound Reservoir.	July 30	Clear.	271	85	186	24	0.0	0.062	0.026	0.116	2	177	2	179	Taken 6 ft. below surface from platform at side of reservoir.
386	Potrero Heights Reservoir.	July 30	Clear, with a small amt. of suspended matter.	304	139	165	26	0.0	0.002	0.042	0.428	5	176	4	180	Taken 4½ ft. below surface from platform at side of reservoir.
387	College Hill Reservoir.	July 30	Clear, with considerable amt. of susp. matter.	177	83	94	21	0.0	0.022	0.022	0.138	3	81	2	83	Taken 6 ft. below surface from boat in center of reservoir.
388	North Lake Merced.	July 31	Clear, with considerable amt. of susp. matter.	322	144	178	65	0.0	0.108	0.024	0.356	6	143	2	145	Taken 6 ft. below surface from boat in center of lake.
389	South Lake Merced.	July 31	Slight turbidity.	300	161	139	60	0.0	0.046	0.020	0.258	4	120	9	129	Taken 6 ft. below surface from wharf.
390	Lake Honda Reservoir.	July 31	Clear, with a small amt. of suspended matter.	204	115	89	34	0.0	0.076	0.012	0.200	3	95	4	99	Taken 8 ft. below surface from boat in center of reservoir.

TABLE OF ANALYSES OF SAMPLES OF WATER TAKEN FROM SPRINGS AND WELLS FURNISHING THE WATER SUPPLY OF DAIRIES.

(PARTS PER 1,000,000.)

361	Dairy of T. Mitchell, 427 Munich Street.	July 13	Yellow tint.	1574	669	905	315	0.008	55.0	0.07	0.23	4	102	437	539	A dug well about 35 ft. deep, cased with wood, located in cow corral.
362	Dairy of La Brucheri Bros., La Grande and Brazil Streets.	July 13	Clear.	759	395	364	112	0.032	24.2	0.012	0.05	2	139	204	343	A dug well about 75 ft. deep, cased with wood, located at edge of cow corral.

CHEMICAL LABORATORY--Cont'd.

WATER.

TABLE OF ANALYSES OF SAMPLES OF WATERS TAKEN FROM THE SPRINGS AND WELLS FURNISHING THE WATER SUPPLY OF DAIRIES.

(Parts per 1,000,000)

	SOURCE	Date 1908	Clear or Turbid	Total Solids	Loss on Ignition	Residue	Chlorine	NITROGEN AS				Oxygen Consumed	HARDNESS			REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		Temporary	Permanent	Total	
33	Dairy of C. Ballhaus, 116 Naples St.	July 13	Clear.	2067.	1070.	997.	494.	0.013	77.0	0.044	0.124	3	83.	496.	579.	A dug well, with wooden casing, located about 15 ft. in rear of house.
34	Dairy of Jos. Fassler, 5230 Mission St.	July 13	Clear.	912.	442.	470.	123.	0.011	49.5	0.024	0.038	1	50.	320.	370.	A bored well, about 140 ft. deep; cased with galvanized iron, perforated about 30 ft. from bottom.
35	Dairy of Witt Bros., Colma. Upper well.	July 14	Clear.	1005.	557.	448.	191.	0.006	44.0	0.024	0.034	2	61.	327.	388.	A bored well about 114 ft. deep; cased with galvanized iron, perforated about 70 ft. from bottom.
36	Dairy of Witt Bros., Colma. Lower well.	July 14	Clear.	757.	380.	377.	180.	0.002	22.0	0.012	0.030	1	89.	244.	333.	A bored well about 120 ft. deep; cased with galvanized iron casing, perforated about 70 ft. from bottom.
37	Dairy of F. Mozzette, 1047 16th Ave. S.	July 15	Clear.	2273.	1045.	1228.	517.	0.042	66.0	0.108	0.202	4	429.	84.	513.	A dug well situated about 102 ft. from the barn.
38	Dairy of P. Caubu, 1119 19th Ave. S.	July 15	Clear.	332.	138.	194.	41.	0.0	3.52	0.012	0.028	1	193.	36.	229.	A spring situated on hill side above premises.
39	Dairy of P. Casabon, 901 15th Ave. S.	July 15	Clear.	330.	130.	200.	39.	0.0	3.41	0.008	0.014	1	189.	30.	219.	A spring situated on hill side above premises.
40	Standard Milk Co., 3201 16th St.	July 20	Clear.	522.	175.	347.	87.	0.0110	7.424	0.496	0.056	2	212.	56.	268.	Bored well, 114 ft. deep; cased with galvanized iron, perforated 5 and 10 ft. from bottom.
41	Dairy Delivery Co., 3550 19th St.	July 20	Clear.	789.	320.	469.	165.	0.002	19.25	0.02	0.040	2	219.	179.	398.	A bored well 150 ft. deep; cased with galvanized iron, perforated 40 ft. from bottom.
42	Dairy of La Brucheri & Co., 400 Harvard.	July 24	Clear.	380.	183.	197.	38.	0.001	7.26	0.018	0.060	2	149.	53.	202.	A spring situated on hill side above premises.
43	Dairy of P. Menjou, 528 Cambridge St.	July 24	Clear.	545.	270.	275.	103.	0.010	22.0	0.038	0.048	2	86.	151.	237.	A dug well about 25 ft. deep, cased with wood, well located on hillside, three blocks above barn.

MISCELLANEOUS WATER ANALYSES.

(Parts per 1,000,000.)

44	Property of J. D. Thomas, 908 33d Ave. S.	July 10	Clear.	489.	186.	303.	89.	0.008	14.5	0.02	0.036	2	132.	88.	220.	A dug well, about 38 ft. deep.
45	Purity Spring Water, Marin Co., Cal.	July 20	Clear.	164.	55.	109.	23.	0.0	0.556	0.016	0.022	2	67.	0.	67.	Taken from bottle furnished the office of the Board of Health.
46	Residence, 806 Shrader Street.	July 24	Clear, with suspended matter.	204.	73.	131.	33.	0.0	0.132	0.02	0.146	4	91.	0.	91.	Tap Water.
47	From Forbes Sterilized, St. Francis Hotel.	July 27	Clear.	280.	97.	183.	25.	0.0	0.176	0.012	0.054	2	180.	0.	180.	After sterilization.
48	From tap, St. Francis Hotel.	July 27	Clear.	289.	97.	192.	24.	0.0	0.22	0.014	0.056	2	177.	0.	177.	Before sterilization.
49	From tap, Board of Education, Pine and Larkin.	July 27	Clear.	287.	107.	180.	25.	0.0	0.264	0.01	0.018	2	171.	1.	178.	Taken from tap.
50	From Pasteur Filter, in Chemical Laboratory.	July 30	Clear.	225.	103.	122.	30.	0.0	0.048	0.04	0.120	3	126.	5.	131.	After filtration.
51	Tap water, from Chemical Laboratory.	July 31	Clear, with small amt. suspended matter.	219.	119.	100.	32.	0.0	0.044	0.044	0.166	3	105.	0.	105.	Before filtration.

RECORD OF ARRESTS MADE DURING MONTH OF JULY, 1908

ARRESTED	NAME	ORDINANCE VIOLATED	COMPLAINANTS	JUDGES	DISPOSAL
July 1	John I. Hogan.....	Section 8 of Ordinance 229.....	W. P. Lendrum .	Cabaniss . . .	Law complied with. Dismissed July 15, 1908.
" 1	Joseph Fassler.....	Violating Ordinance 1029.....	W. F. Buttle....	Cabaniss . . .	Found guilty and fined \$10, July 2, 1908.
" 2	Walter J. Lally.....	Violating Ordinance 1504.....	P. Mulligan.....	Cabaniss . . .	Case dismissed July 18, 1908.
" 3	Manuel S. Braezel . . .	Violating Ordinance 229 (Milk) .	O'Connor.....	Shortall.....	Found guilty and fined \$25, July 10, 1908.
" 6	Sebasto Lombardi . . .	Violating Ordinance 229 (Milk) .	Lendrum.....	.....	Pending.
" 7	Thomas Young.....	Violating Ordinance 1504.....	P. Mulligan.....	.....	Pending.
" 9	Manuel A. Silveria . . .	Maintaining a nuisance.....	O'Connor.....	Shortall.....	Found guilty and fined \$20, July 11, 1908.
" 10	John B. O'Connor . . .	Maintaining a nuisance.....	Mulligan.....	.....	Pending.
" 14	Morris Stulsaft.....	Violating Ordinance 1504.....	Mulligan.....	.....	Pending.
" 21	Morris Evans.....	Violating Ordinance 3042.....	Dr. A. A. O'Neil.	.....	Pending.
" 22	Chas D. Hawes.....	Violating State Milk Law.....	Lydon.....	Shortall.....	Case dismissed July 28, 1908.
" 22	Julius Barbe.....	Violating State Milk Law.....	Lydon.....	Conlan.....	Found guilty and fined \$25, July 23, 1908.
" 27	Edward Green.....	Violating State Milk Law.....	Lydon.....	.....	Pending.
" 28	George Romano.....	Violating Ordinance 12.....	Buttle.....	Shortall.....	Case dismissed July 30, 1908.
" 28	Leo Anthenien.....	Violating State Milk Law.....	O'Connor.....	.....	Pending.
" 28	M. Mandick.....	Violating State Milk Law.....	O'Connor.....	.....	Pending.
" 30	Joseph Kennell.....	Violating State Milk Law.....	Lydon.....	Conlan.....	Pending.
" 30	Joseph Kennell.....	Violating State Milk Law.....	Lydon.....	Conlan.....	Pending.

SUMMARY.

Total number of arrests made.....	18
Total number of convictions.....	4
Total number of dismissals.....	4
Total number pending.....	10
	18
Amount in fines.....	\$80.00

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the Month of July, 1908

DATE.	BAROMETER.		TEMPERATURE.				DEW POINT.		RELATIVE HUMIDITY.		WIND.		TOTAL DAILY MOTION.	RAINFALL IN INCHES.	CHARACTER OF DAY.
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	VEL.	DIREC.			
1.....	29.94	29.89	61	48	13	54	48	50	97	72	31	SW	327	0	Part Cloudy.
2.....	29.95	29.97	58	48	10	53	48	50	96	85	27	SW	325	0	Part Cloudy.
3.....	29.98	29.98	65	51	14	58	49	50	92	64	29	SW	232	0	Clear.
4.....	29.92	29.88	60	50	10	55	49	48	98	71	28	SW	312	0	Clear.
5.....	29.86	29.91	63	52	11	58	50	51	88	82	28	W	297	0	Part Cloudy.
6.....	29.92	29.98	62	52	10	57	50	52	88	73	25	W	294	0	Part Cloudy.
7.....	30.03	30.01	63	52	11	58	52	52	93	91	27	W	258	0	Part Cloudy.
8.....	30.06	30.02	61	49	12	55	51	50	94	74	25	W	270	0	Part Cloudy.
9.....	30.03	29.95	60	49	11	54	50	51	98	91	33	SW	261	0	Part Cloudy.
10.....	29.94	29.91	62	49	13	56	49	51	98	77	27	W	292	0	Clear.
11.....	29.94	29.95	60	51	9	56	51	54	99	88	25	W	322	0	Part Cloudy.
12.....	29.95	29.92	63	55	8	59	53	54	93	80	20	W	238	.02	Cloudy.
13.....	29.91	29.93	61	55	6	58	53	51	94	82	25	W	247	T	Cloudy.
14.....	29.91	29.89	65	54	11	60	51	53	92	69	25	SW	270	0	Clear.
15.....	29.95	29.94	68	53	15	60	49	50	88	64	20	W	198	0	Clear.
16.....	29.97	30.00	74	53	21	64	53	53	94	78	25	W	212	0	Clear.
17.....	30.02	30.01	77	57	20	67	53	55	74	68	23	W	206	0	Part Cloudy.
18.....	30.01	29.97	60	52	8	56	52	53	99	88	29	SW	337	0	Part Cloudy.
19.....	29.94	29.86	61	51	10	56	52	52	99	82	29	W	277	0	Part Cloudy.
20.....	29.87	29.85	60	51	9	56	51	53	99	83	28	W	286	0	Part Cloudy.
21.....	29.91	29.91	60	51	9	56	52	52	99	78	27	W	306	0	Part Cloudy.
22.....	29.97	29.94	59	52	7	56	52	51	99	88	30	W	311	0	Cloudy.
23.....	29.92	29.87	58	50	8	54	50	51	98	88	28	SW	288	0	Part Cloudy.
24.....	29.88	29.91	63	52	11	58	51	52	94	91	34	SW	323	0	Part Cloudy.
25.....	29.97	29.95	61	52	9	56	51	50	93	74	28	W	331	0	Part Cloudy.
26.....	29.95	29.92	65	52	13	58	50	52	90	85	29	W	286	0	Clear.
27.....	29.93	29.90	60	51	9	56	52	51	97	82	29	SW	322	0	Part Cloudy.
28.....	29.91	29.88	63	52	11	58	50	51	89	71	24	SW	262	0	Clear.
29.....	29.95	29.95	63	53	10	58	53	53	99	80	29	W	333	0	Clear.
30.....	29.98	29.91	64	52	12	58	52	52	99	75	27	W	307	0	Clear.
31.....	29.94	29.88	71	53	18	62	53	54	96	66	22	SW	262	0	Clear.
MEANS.....	29.949	29.930	62.9	51.7	11.3	57.4	51.0	51.7	94.4	78.7	23.7	W	8793 283.6 Hourly 11.8	.02	Clear. 11 Part Cloudy. 17 Cloudy. 3

HEALTH DEPARTMENT

OF THE

City and County of San Francisco, California

Bulletin Published by the Board of Health for the Month of August, 1908

BOARD OF HEALTH

WILLIAM OPHULS, M. D. . . . PRESIDENT

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R. G. BRODRICK, M. D., Health Officer.

W. C. HASSLER, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

Deaths during Month of August, 1908	488
Less Deaths of children under one week of age	15
Non-residents	33
Deaths by violence	54 102 386
Population estimated at 425,000	Annual Death Rate per 1000 inhabitants, 10.89

DEATHS BY SEX				BY COLOR			
Males	299			White	466		
Females	189			Chinese	14		
				Japanese	2		
				Black	6		
BY SOCIAL CONDITION				BY NATIVITY			
Single	213			San Francisco	98		
Married	166			Other parts of California	80		
Widowed	83			Other States	83		
Divorced	4			Foreign Countries	203		
Unknown	22			Unknown	24		
Still births registered (not included in mortality tables): Males, 20; Females, 5. Total, 25.							

BIRTHS REGISTERED*

TOTAL.	SEX.		RACE.				Twins (pairs).	Triplets.	NATIVITY OF PARENTS.										MIXED PARENTAGE.			
	Male.	Female.	White.	Chinese	Japanese	Black.			United States	Germany.	Great Britain	Ireland.	Italy.	China.	Japan.	France.	Scandinavia.	Others	Unascertained.	Anglo Saxon.	Latin.	Others.
525	277	248	500	11	11	3	6	..	236	20	19	22	32	6	11	11	21	34	5	34	11	63

*Returns of Births incomplete.

Annual Birth Rate per 1,000 Inhabitants	14.76
Marriage licenses issued	312

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH.
(Bertillon Classification.)

CAUSES OF DEATH. (Bertillon Classification.)		Deaths reported during month Aug. 1908.	SEX.		AGE BY YEARS.												SOCIAL RELATION.			COLOR.			
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese..	Japanese.	African.	
DEATHS FROM ALL CAUSES.		488	299	189	82	20	102	2	10	39	73	63	56	63	80	213	166	109	466	14	2	6	
I.	General Diseases	130	86	44	10	6	16	1	3	21	20	22	23	10	14	62	45	23	117	9	2		
II.	Diseases of Nervous System	45	26	19	6	3	9		1	1	4	6	7	8	9	17	18	10	45				
III.	Diseases of the Circulatory System	62	37	25	1		1		2	2	3	9	7	12	26	13	18	31	61			1	
IV.	Diseases of the Respiratory System	47	26	21	12	2	14	1		3	4	4	3	11	7	22	17	8	45	1		1	
V.	Diseases of the Digestive System	55	35	20	17	4	21			3	11	7	3	6	4	33	17	5	53	2			
VI.	Diseases of the Genito-Urinary System	48	23	25	1	1	2			2	11	6	7	11	9	12	23	13	46	2			
VII.	Childbirth	4		4					1								3	1	4				
VIII.	Diseases of the Skin	2	1	1							3				1	1		1	2				
IX.	Diseases of the Locomotor System																						
X.	Malformations	3	2	1	3		3									3			3				
XI.	Early Infancy	28	13	15	28		28									28			28				
XII.	Old Age	7	5	2											7	1	1	5	7				
XIII.	Violence	54	43	11	1	4	5		3	7	17	9	6	4	3	18	24	12	52			2	
XIV.	Ill-Defined Diseases	3	2	1	3		3									3		3					
I.	General Diseases																						
	(a) Epidemic Diseases.																						
1.	Typhoid Fever	7	5	2						5	2					5	2		5		1	1	
2.	Typhus, Exanthematic																						
3.	Fever, Recurrent																						
4.	Fever, Intermittent and Malarial Cachexia																						
5.	Smallpox																						
6.	Measles																						
7.	Scarlatina																						
8.	Whooping Cough	5	1	4	4	1	5									5		5					
9.	Diphtheria	5	3	2	4	4		1								5		5					
9a.	Croup																						
10.	Influenza																						
11.	Miliary Fever																						
12.	Cholera, Asiatic																						
13.	Cholera, nostras																						
14.	Dysentery	1		1											1			1	1				
15.	Pest (Plague)																						
16.	Yellow Fever																						
17.	Leprosy	2	1	1									2					2	2				
18.	Erysipelas	2	1	1	1		1								1	1	1	2					
19.	Other Epidemic Diseases	1	1							1						1	1		1				
	(b) Other General Diseases																						
20.	Purulent Infection and Septicæmia	2	1	1				1						1		1	1	2					
21.	Glanders and Farcy																						
22.	Malignant Pustule and Charbon (Anthrax)																						
23.	Rabies																						
24.	Actinomycosis, Trichinosis, etc																						
25.	Pellagra																						
26.	Tuberculosis of Larynx																						
27.	Tuberculosis of Lungs	54	42	12	1		1		2	13	14	13	7	1	3	29	17	8	44	8	1	1	
28.	Tuberculous Meningitis	1	1									1						1	1				
29.	Tuberculosis, Abdominal	1		1	1		1									1			1				
30.	Pott's Disease																						
31.	Tuberculous Abscess																						
32.	White Swelling																						
33.	Tuberculosis of Other Organs	2	1	1									1		1		1	1	2				
34.	Generalized Tuberculosis	1	1			1	1									1		1					
35.	Scrofula																						
36.	Syphilis	4	1	3	3		3					1				3	1		4				
37.	Gonorrhea of the Adult																						
38.	Gonorrheal Infections of Children																						
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	1	1										1				1		1				
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	17	9	8							3	2	6	3	3	3	10	4	17				
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	4	4							1					3	2	2		4				
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	4		4								1		3			1	3	4				
43.	Cancer and Other Malignant Tumors of the Breast	1		1										1			1		1				

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (Bertillon Classification.)		Deaths reported during month Aug., 1908.	SEX.		AGE BY YEARS.										SOCIAL RELATION.			COLOR.				
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese..	Japanese.	African
V. Diseases of the Digestive System.																						
100.	Diseases of the Mouth and its Adnexa																					
101.	Tonsillitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Oesophagus																					
103.	Uleer of the Stomach	2	1	1							2				1	1			2			
104.	Gastritis	1		1		1	1								1				1			
104a	Other Diseases of the Stomach (Cancer excepted).	2	1	1								1	1			2			2			
105.	Diarrhœa and Enteritis (under 2 years).	19	13	6	17	2	19								19	2			18	1		
105a	Diarrhœa and Enteritis, Chronic																					
106.	Diarrhœa and Enteritis (2 years & over).	5	2	3		1	1				1			3	1	3	1	5				
107.	Intestinal Parasites																					
108.	Hernia	2	1	1									1	1					2			
108a	Obstruction of Intestines	4	2	2							3	1			2	2	2	4				
109.	Other Diseases of the Intestines	2	1	1							1	1				2		1	1			
110.	Acute Yellow Atrophy of Liver																					
111.	Tumors, Hydatid, of the Liver																					
112.	Cirrhosis of the Liver	11	9	2							5	3	1	2	5	4	2	11				
113.	Biliary Calculi	1		1										1	1			1				
114.	Other Diseases of the Liver																					
115.	Diseases of the Spleen	1	1								1						1	1				
116.	Peritonitis, Simple (Puerperal excepted)	1	1								1					1		1				
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).	1	1							1					1			1				
118.	Appendicitis and Abscess of the Iliac Fossa	3	2	1						2				1	2	1		3				
VI. Diseases of the Genito-Urinary System.																						
119.	Nephritis, Acute	4	2	2	1	1	2			1				1	4			4				
120.	Bright's Disease	34	19	15						8	4	5	10	7	7	15	12	32	2			
121.	Other Diseases of the Kidneys	3	2	1												3		3				
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder																					
124.	Diseases of the Urethra, Urinary Ab- cess, etc.																					
125.	Diseases of the Prostate																					
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal).																					
129.	Tumors, Uterine (noncancerous).	3		3								1	2			2	1	3				
130.	Other Diseases of the Uterus																					
131.	Ovarian Tumors and Cysts	2		2						1	1				1	1		2				
132.	Diseases of Tubes	2		2							2					2		2				
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).																					
VII. Childbirth.																						
134.	Accidents of Pregnancy	2		2							2					1	1	2				
135.	Hemorrhage, Puerperal																					
136.	Other Accidents of Labor	1		1							1					1		1				
137.	Septicæmia, Puerperal	1		1												1		1				
138.	Albuminuria and Puerperal Eclampsia																					
139.	Phlegmasia Alba Dolens Puerperal.																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII Diseases of the Skin																						
142.	Gangrene	2	1	1										1	1	1		1	2			
143.	Carbuncle																					
144.	Abcess																					
145.	Other Diseases of the Skin																					

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (Bertillon Classification.)	Deaths reported during month Aug. 1908.	SEX.		AGE BY YEARS.										SOCIAL RELATION.			COLOR.				
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese..	Japanese.	African.
IX. Diseases of the Locomotor System.																					
146. Diseases of the Bones (nontuberculous).....																					
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148. Amputation.....																					
149. Other Diseases of the Organs of Loco- motion.....																					
X. Malformations.																					
150. Hydrocephalus.....																					
150a. Congenital Malformation of Heart—Cy- anosis.....	3	2	1	3		3									3			3			
150b. Other Congenital Malformations.....																					
XI. Early Infancy.																					
151. Premature Birth.....	12	4	8	12		12									12			12			
151a. Congenital Debility.....	16	9	7	16		16									16			16			
152. Other Diseases of Early Infancy.....																					
153. Lack of Care.....																					
XII. Old Age.																					
154. Senility.....	7	5	2											7	1	1	5	7			
XIII. Violence.																					
155. Suicide by Poison.....	6	4	2					1	2	2			1		3	1	2	6			
156. Suicide by Asphyxia (Gas).....	2	1	1						1	1					1	1		2			
157. Suicide by Hanging or Strangulation....																					
158. Suicide by Submersion.....																					
159. Suicide by Firearms.....	4	4						1	2		1				1	2	1	3		1	
160. Suicide by Cutting Instruments.....	1	1										1			1			1			
161. Suicide by Jumping from High Places...																					
162. Suicide by Crushing.....																					
163. Other Suicides.....																					
164. Fractures.....	10	9	1		1	1			2	2	1	3	1		3	5	2	10			
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....	1	1								1							1	1			
166a. Injuries by Machinery.....																					
166b. Injuries in Mines and Quarries.....																					
166c. Railroad Accidents and Injuries.....	1	1									1				1			1			
166d. Street Car Accidents and Injuries.....	7	3	4						1	2	1		3		1	4	2	6			
166e. Injuries by Horses and Vehicles.....	5	5						1		3	1				1	1		5			
166f. Other Accidental Traumatisms.....	1	1											1			1		1			
167. Burns and Scalds.....	1	1			1	1									1			1			
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....																					
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....	5	5								3	2					2	3	5			
173. Starvation, Privation, Etc.....	1	1							1								1	1			
174. Inhalation of Poisonous Gases (Suicide excepted).....	1	1									1					1		1			
175. Other Acute Poisonings.....	2	1	1		2	2									2			2			
176. Suffocation.....																					
176a. Injuries at Birth.....	1		1	1											1			1			
176b. Homicide.....	4	3	1					1	1	1		1			2	2		1			
176c. Other External Violence.....	1	1							1							1		1			
XIV. Ill-Defined Diseases.																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....																					
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....	3	2	1	3		3									3			3			
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS.

(Arranged according to Calendar Year.)

	1907 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
General Diseases.....	166	149	159	135	123	136	138	163	154	177	176	188
Diseases of Nervous System.....	58	51	51	60	47	39	56	24	44	45	44	56
of Circulatory System.....	121	82	102	89	84	83	89	80	66	74	80	93
of Respiratory System.....	101	108	98	97	86	70	61	43	42	52	48	84
of Digestive System.....	44	38	41	50	48	43	61	56	55	54	47	53
of Genito-Urinary System.....	33	38	38	33	33	36	33	25	32	36	39	44
Childbirth.....	3	4	3	7	3	6	2	4	4	4	.....	4
Disease of the Skin.....	4	.....	3	1	1	1	.....	2	1	.....	1	1
of Locomotor System.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1
Malformations.....	3	1	3	4	4	4	1	5	1	2	4	2
Early Infancy.....	18	21	24	29	20	21	16	18	15	15	20	20
Old Age.....	13	10	17	15	10	14	11	5	11	14	10	9
Violence.....	50	48	40	40	58	46	59	51	46	50	38	67
Ill Defined Diseases.....	3	4	3	.....	2	4	5	4	12	6	8	14
Total Deaths	625	554	591	561	519	503	532	490	483	529	516	636
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
Annual Death Rate.....	17.64	15.60	16.68	15.72	14.64	14.16	15.00	13.80	13.56	14.88	14.52	17.88
Under 1 Year.....	56..	66	69	77	61	72	82	72	72	67	76	75
1 to 5 Years.....	23..	25	41	38	31	30	26	26	18	21	22	28
5 to 70 Years.....	441..	395	407	372	354	329	347	325	319	365	337	427
70 and Over.....	105..	68	74	74	73	72	77	67	74	76	81	106
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions	251	235	257	221	198	194	220	220	194	234	195	229

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908.....	486	488	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908.....	557	525	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire.

†Returns very incomplete.

DISTRIBUTION OF MORTALITY

Public Institutions										Other Hospitals and Sanatoria.																		
City and County Hospital.	Relief Home.	Leper Hospital.	Central Emergency.	Harbor Emergency.	Park Emergency.	Potrero Emergency.	Jails and Prisons.			Other Hospitals and Sanatoria.	En Route to Hospital.	Golden Gate Park	Washington Square	Presidio Reservation	Yerba Buena Island	Bay of San Francisco.	Pacific Ocean	At Place of Residence.										
30	11	12	19	12	1					138	1		1	2	1	3	1	276										

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries																					
Calvary Rec. Vault	I. O. O. F. Cremations.	I. O. O. F. Rec. Vault.	Laurel Hill Rec. Vault.	Masonic Rec. Vault	National (Presidio.)	U. S. M. H.	Yerba Buena Island.	Cypress Lawn (Interments.)	Cypress Lawn (Cremations.)	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Indigent).	San Mateo (Chinese.)	Servian.	Sunset (Indigent.)	Woodlawn.	To Medical Colleges	Shipped to Outside Ports.	TOTAL.	Indigent Dead.	
74	2				23	2		74		1	12	7	164	9	26		72	8		16		1	37	5	6	72	611	55

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																					
Calvary.	City.	I. O. O. F. (bodies.)	I. O. O. F. (ashes.)	Laurel Hill.	Masonic.	Mission Dolores.	National.	U. S. M. H.	Total.	Cypress Lawn.	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Chinese).	Servian.	National, S. F.	Woodlawn.	I. O. O. F. for Cremation.	Laurel Hill S. F. (Ashes.)	Masonic S. F. (Ashes.)	To Home (Ashes).	Cal. Interior (Bodies).	Cal. Interior (Ashes).	Other States.	Total.
38	28	2	56	2	13		1		140	4		1	1	46		14		4					12	1	6	3	24	15	10	9	140

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED	NO.	FEES COLLECTED	
Bath House.	Laundry.	Cigar Factory.	Milk.	Master Plumbers' Licenses.	Manure Wagons.	Vegetable and Manure Wagons.	Swill Wagons.	Scavenger Wagons.	Approvals for Locations of Stables.	School Attendance.	Vaccination Certificates.	Certified Copies Birth.....	49	\$36.75	
												Certified Copies Death.....	50	37.50	
												Permits for Removal of Bodies and Ashes.	140	10.00	
		2	4	47	7		1	1	19	40		Total.....	239	\$84.25	

Total, 121

Total of all permits, etc., issued, 360.

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

	SALARIES.	MAINTENANCE	TOTAL
Central Office.....	\$5624.35	\$ 616.88	\$ 6241.23
City and County Hospital.....	3177.15	6915.85	10093.00
Relief Home Aged and Infirm.....	5212.14	5374.91	10587.05
Emergency Hospitals.....	3067.80	632.82	3700.62
Isolation Hospitals—Smallpox Department.....	275.00	224.00	499.00
Leper Department.....	435.00	300.00	735.00
Grand Totals.....	\$17791.44	\$14064.46	\$31855.90
Special Sanitation.. ..			\$6183.53

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from July.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED												Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To Conquer (Dead on Arrival)	Died	TOTAL	Remaining in Hospital August 31.	Agnews	Eldridge	Glenn Ellen	Napa	Stockton	Ukiah		
Central.....	6	706	712	397	151	43	36	1	59	1	18	706	6	....	....	....	....	....	....	....	....
Harbor.....	....	456	456	414	....	....	21	....	19	2	....	456	....	....	....	....	....	....	....	....	....
Mark.....	....	57	57	52	....	....	1	....	3	1	....	57	....	....	....	....	....	....	....	....	....
Motrero.....	....	174	174	168	....	....	....	....	5	1	....	174	....	....	....	....	....	....	....	....	....
Insane Detention.....	....	53	53	18	....	....	2	....	....	....	....	53	2	....	....	....	13	10	....	8	....
Totals.....	6	1446	1452	1049	151	43	60	1	86	5	18	1446	8	....	....	....	13	10	....	8	....

City and County Hospital

WM. R. DORR, M. D., WARDEN.

Remaining in Hospital from July.	Examined for Admission.	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL.	Remaining in Hospital August 31	Average Number Patients During Month	
300	183	..	182	1	483	55	31	..	24	..	..	1	..	6	9	31	157	326	316	95

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Remaining in House from July	Admitted	TOTAL	DISCHARGED								Died.	TOTAL	Remaining in House August 31	Medical Cases Treated	Surgical Cases treated.	Surgical Dressings	Prescriptions Compounded
			At Own Request.	For Cause.	Left Without Permission.	Overstayd Pass.	Sent to City and County Hospital	Sent before Insanity Com.									
1178	59	1237	34	2	5	12	5	2	11	71	1166	..	..	..	..	..	..

ISOLATION HOSPITALS.

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. Remaining July 31.....	2	..	17	..	..	..
No. admitted.....	11	13	..	17	..	..
No. discharged.....	..	5	..	..	..	..
No. diagnostic visits.....	26	..	..	..	..	..
No. of deaths.....	..	..	..	2	..	..
No. remaining Aug. 31.....	..	8	..	15	..	..
No. necropsies performed...	..	..	..	..	..	5

REPORT OF CITY PHYSICIAN.

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	50	..
Visits to patients.....	50	..
Sent to City and County hospital.....	7	..
Visits to jails.....	13	..
Patients in jail.....	100	..
Visits to prisons.....	15	..
Patients in prison.....	173	..
No. of vaccinations (in prison).....	..	..
Special visits.....	11	..
Hospitals inspected.....	6	..

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED													
													QUARANTINED			INVESTIGATED										
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations Performed	
G. D. Culver, M.D.....	..	..	..	..	..	..	..	..	..	73	111	184	15	4	6	41	1	10	13	7	2	3	3	109	11	
H. L. Curtis, M.D.	..	..	..	..	..	..	..	..	..	87	191	278	..	..	..	..	..	..	..	..	..	..	..	..	..	
J. A. Kuykendall, M.D..	..	12	12	10	..	..	2	12	12	45	58	115	8	1	4	23	1	19	8	..	1	3	4	75	7	
F. C. Muller, M.D.....	..	..	..	..	..	..	..	..	25	..	62	87	7	6	6	27	1	3	3	10	1	7	3	77	6	
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
*Totals....	..	12	12	10	..	..	2	12	37	205	422	664	30	11	16	91	3	32	24	17	4	13	10	261	24	

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily.

Glanders 7
Trachoma 2.

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Pathisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)			
29	7	14	35		2	..	3	1	91	213	244200	2661	298	128			

I. L. David, Thos. Kane, Disinfectors.

DIVISION OF FOOD INSPECTION

INSPECTORS.	Total	Candy Factories and Stores.	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon*	78.	6.		48.						1.					23.
E. F. Murphy	109.	2.	9.	46.		16.			17.	1.				1.	17.
Totals	187	8	9.	94		16			17	2				1	40

*On leave from Aug. 17 to 31.

Condemnations and Seizures

Fruits.		Vegetables and Cereals.	Canned and Bottled Goods. Dried Fruits.	Meats and Fish.	Poultry and Game	Miscellaneous.
Pears.....11 Boxes			Fruits...10 Sacks			
Plums .....40 "						
.....						
.....						
.....						
.....						
Samples taken for Chemist .. 142 | Samples seized.....						
Nuisance complaints referred to Sanitary Division.....	|	Nuisance complaints referred to Plumbing Division.....	1	|	Nuisances abated by written notice.....	..
Notices served .....	|			|	" " " verbal	1

DIVISION OF DAIRY INSPECTION

INSPECTORS.	INSPECTIONS MADE.									ARRESTS MADE						
	No. of Dairies Inspected	No. of Dairy Depots Inspected	TOTAL INSPECTIONS.	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed.	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum.....	26	126	152	1949	3	2	..	90	13	..	..	..	..	..	..	..
E. B. O'Connor	51	22	73	3451	5	3	1	42	4	..	..	..	..	..	..	..
Totals.....	77	148	225	5400	8	5	1	132	17	..	..	..	..	..	..	..

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								*ARRESTS MADE						
		Milk Wagons.	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum	70	17	11	42						1	1	1	1			
T. P. Lydon	34	27					7			3	3	6	12	\$200	1	
E. F. Murphy	95	57		31			7			3	1	4	1	25		3
E. B. O'Connor	42			42						2		2	2	125		
Total.....	241	101	11	115			14			9	4	13	5	\$350	1	7

*See under Record of Arrests Made, page 18.

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots.	Commission Houses.	Chinatown	TOTAL	Fish (lbs.)	Beeves.	Calves.	Hogs.	Sheep.	Lambs.	Poultry.
John Brown.....	20	103	141	24	24	192	504	400000	600	254	1100	400	1300	23300
S. J. Campbell.....	51	573	....	14	98	....	736	115000	2211	1293	2027	1835	2260	122330
W. H. Jordan.....	364	...	....	..	....	....	364	.....	5104	1659	6300	8621	15385	.....
T. McEnroe.....	494	6	11	..	....	7	518	.....	5104	1659	9691	10871	19135	.....
John Regan.....	...	150	160	45	140	190	685	30000	850	700	470	2000	1450	19655
Totals	929	832	312	83	262	389	2807	545000	13869	5565	19588	23727	39530	165285

Condemnations and Seizures

INSPECTOR.	Fish (lbs.)	Beef (lbs.)	Calves.	Sheep.	Lambs	Hogs.	Chickens.	Other Poultry.	Corned Beef (Lbs.)	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....																
S. J. Campbell.....		4850	46				82	112								
W. H. Jordan.....		7250	105	39	38	24										
T. McEnroe.....		2000	54	22	20	12										
John Regan.....	1550	450	4				348	24								
Total.....	1550	14550	209	61	58	36	430	136								

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	7444	3059	14071	21135	9691
Supplied from Outside of City..	4367	2339	3899	5742	2600
Totals.....	11811	5398	17970	26877	12291

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected.	Work progressing; partially abated.	Nuisances Abated	Nuisances Unabated
Bakeries.....	4	..	4	..	..	4	4	3	1	..
Bath Houses.....	..	..	..	..	..	..	..	..	..	..
Laundries.....	..	..	..	..	..	..	..	..	..	..
Garment and Shoe Factories.....	..	..	..	..	..	..	..	..	..	..
Cigar Factories.....	1	1	..	..	..	..	..	..	..	..
Restaurants.....	10	..	10	..	..	10	10	9	1	..
Meat Markets.....	14	..	14	..	..	14	14	10	1	3
Candy Factories.....	..	..	..	..	..	..	..	..	..	..
Stables.....	138	..	138	..	..	138	138	121	9	8
Dwellings.....	116	1	115	..	..	115	115	86	18	11
Totals.....	283	2	281	..	..	281	281	229	30	22

HY. D. MILLER, Inspector.

DIVISION OF PLUMBING INSPECTION

Name of Inspector	INSPECTIONS MADE								NUISANCES								NOTICES			
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY					First Notices Served	Last Notices Served	Total	
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments				No Cause	Remaining Unabated
T. J. Farrell (Chief)	91	43	1	135	43	7280	1820	43	1	1	2	....	1	1	....	....	....	1	1	2
W. D. Hobro, Jr.	170	50	33	253	170	13600	8500	51	30	26	56	20	30	50	19	6	2	23	30	66
H. R. Murphy	66	41	8	115	74	3280	2090	74	53	82	135	169	19	188	95	14	5	74	32	43
P. Mulligan	128	82	13	223	128	10000	1500	82	54	71	125	48	54	102	80	....	7	15	54	84
J. Robertson	121	66	5	192	121	9680	6050	66	25	44	69	16	25	41	22	1	3	15	25	25
J. E. Sweeney	117	60	1	178	60	9360	2340	60	3	5	8	2	3	5	2	1	1	1	3	7
Totals	693	342	61	1096	596	53200	22150	376	166	229	395	255	132	387	218	22	18	129	145	227

New Fixtures Installed in Old Buildings.

Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Cess Pools	Sewers	Traps Near Curb
75	30	30	51	26	1	24	5	12	..

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
5	..	5	..	..	2	3

Number of Plans submitted.....230
 Number of Buildings visited.....247
 Permits granted for repair work.....66

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS										
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				UNABATED		
								By Repair	By Demolition	Recommended by taking up under New Ord. inance	Total	By Compliance	Ignored by Inspector	Total
Dwellings	18	1	19	50	16	3	69	2	..	..	2	66	1	67
Stables.....	26	1	27	91	20	7	118	7	1	11	11	100	4	104
Miscellaneous (Warehouses, etc.)	7	1	8	41	5	3	49	13	1	..	21	27	1	28
Total.....	51	3	54	182	41	13	236	23	5	9	37	193	6	199

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist.

EXAMINATIONS MADE.	POSITIVE.	NEGATIVE.	NO GROWTH.	TOTALS.
Diphtheria.....	37	32	1	70
Sputum (for Tuberculosis).....	3	9	..	12
Sputum (for Pneumonia)	..	..	..	..
Diazo Reactions	..	..	..	..
Widal Reactions.....	7	9	..	16
Other Examinations	1	1	..	2
Milk	..	..	..	81
Water	..	..	..	35
Total Examinations.....	48	51	1	216

CHEMICAL DIVISION—TOXICOLOGICAL.

FRANK T. GREEN. Toxicologist.

SAMPLE.	SUBMITTED BY	NAME OF CASE.	RESULT.
Stomach.....	Coroner's Office.....	Vernal Revalk	Cyanide of Potassium present.
Stomach	Coroner's Office.....	Unknown Man	No poison present.
Stomach	Coroner's Office.....	Sarah Martin	No poison present.
Stomach	Coroner's Office.....	Julia Canehot.....	Carbolic Acid present.
Stomach	Coroner's Office.....	Louise von Borstel	No poison present.
Stomach	Coroner's Office.....	Mrs. Ada Dunn	No poison present.
Stomach	Coroner's Office.....	Michael Sweeney	No poison present.
Stomach	Coroner's Office.....	Fritz Grunow	No poison present.
Stomach	Coroner's Office.....	James Wood.....	No poison present.
Stomach	Coroner's Office.....	Thos. J. Quinlan.....	No poison present.
Stomach	Coroner's Office.....	W. J. Stevenson	No poison present.
Stomach	Coroner's Office.....	Sam'l E. Cooper	No poison present.
Whiskey	Coroner's Office.....	.....	No poison present.
Stomach	Coroner's Office.....	Norman Gregory	No poison present.
Stomach	Coroner's Office.....	Unknown Man	No poison present.
Stomach	Coroner's Office.....	B. F. Smith	No poison present.
Stomach	Coroner's Office.....	Germain Mathieau	No poison present.
Milks 9.....	City Chemist .....	.....	Reported.

Total number of samples analyzed during month, 26

CHEMICAL LABORATORY

C. W. BEAVER,
Chief Chemist.

C. F. HOYT,
*LOVELL LANGSTROTH,
Asst. Chemists.

The work of the Chemical Laboratory for the month of August consisted of the analysis of 248 samples of milk, 2 samples of cream, 23 samples of water, 32 samples of ice cream, 2 samples of water ice, 22 samples of fruit syrups and flavoring extracts for ice creams and ice cream sodas and 1 sample of cane sugar. Total number of analyses 330.

MILK.

Samples analyzed .....	.....	248
Samples taken from retailers.....	112	.....
Samples from retailers below standard.....	15	.....
Samples taken from shippers.....	113	.....
Samples from shippers below standard.....	2	.....
Samples taken from restaurants.....	14	.....
Samples from restaurants below standard.....	8	.....
Samples submitted by individuals.....	9	.....
Samples submitted by individuals below standard.....	1	.....
Total number of samples below standard (3% milk fat; 8.5% solids not fat.).....	26	.....
Percentage below standard.....	10.48	
Samples sufficiently below standard to warrant arrest.....	16	

*Warrants for arrest were issued upon the following samples:

NAMES.

	DEFICIENCY		
	Milk fat.	Solids not fat.	Added substance.
P. Menjou, 528 Cambridge St.....	.....	0.95	Water.
F. Marty, Mt. Hamilton Dairy, 901 Silver Ave.....	.....	1.5	Water.
C. Daiss, San Bruno Ranch, Somerset & Wayland Sts.....	.....	0.91	Water.
Central Milk Co., 21st & Folsom Sts.....	0.35	.....	.....
G. Mondott, University Ranch, University & Woolsey Sts.....	.....	0.61	Water.
T. Serpa, Royal Creamery Co., 2973 16th St.....	.....	0.51	.....
J. Lee, Columbia Dairy, 231 Franklin St.....	0.75	.....	.....
J. Smith, Stege.....	.....	0.90	Water.
M. L. Madruga, Redwood City.....	.....	0.44	Water.
Schneider Bros., 955 Fillmore St. (Restaurant).....	1.6	.....	.....
J. Anastasio, Union Restaurant, 674 McAllister St.....	0.8	0.01	.....
Mrs. H. M. Nangle, The Holly, 600 McAllister St.....	0.4	.....	.....
Clark's Bakery & Cafe, Inc., 439 Van Ness Ave.....	1.0	.....	.....
A. Brugger, Waffle Kitchen, 74 East St.....	1.1	0.7	Water.
A. Brown, 54 East St. (Restaurant).....	1.6	1.83	Water.
F. Carevich, California Chop House, 187 Stewart St.....	0.10	1.91	Water.

ICE CREAM AND WATER ICE.

The United States and State standards for ice cream are as follows:

1. Ice cream is a frozen product made from cream and sugar with or without a natural flavor and contains not less than 14% of milk fat.
2. Fruit ice cream is a frozen product made from cream, sugar and sound, clean, mature fruits and contains not less than 12% of milk fat.
3. Nut ice cream is a frozen product made from cream, sugar and sound, non-rancid nuts, and contains not less than 12% of milk fat.

Thirty-two samples of ice cream and two samples of water ice were analyzed; 5 samples were found to be up to standard; 19 samples were found to contain gelatine and six samples were found to contain starch as thickening agents; 3 samples were found to contain coal tar coloring matter; 8 samples were found to contain less than the required amount of milk fat; and one sample was found to be preserved with a boron compound. All samples were tested for saccharine and foreign fats. None was found. The 2 samples of water ice were found to be genuine.

*Resigned August 22, 1908.

CHEMICAL LABORATORY--Cont'd.

FRUIT SYRUPS AND FLAVORING EXTRACTS.

Twenty-two samples of fruit syrups and flavoring extracts such as are used in ice cream sodas and soda waters were analyzed. Two samples were found to be genuine; 15 samples were found to be colored with coal tar color; 2 samples were found to be colored with caramel; and 3 samples not artificially colored were found to contain none of the ingredients after which they were named.

The above forms of sophistication and adulteration are in violation of the California Pure Foods Act of March 11, 1907. This Act cannot be enforced by the San Francisco Board of Health because by the provisions of the Act this power rests with the State Board of Health alone. A City Ordinance, nonconflicting with the State Act should be passed by the Board of Supervisors which will enable the Board of Health of this City to enforce the provisions of the State Act.

WATER.

Sanitary analysis was made of 23 samples of water collected as follows: From the Spring Valley Water Company, 11 samples; from dairies, 3 samples; from miscellaneous sources, 9 samples.

The tables of analytical results are given below:

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED.

(PARTS PER 1,000,000.)

LAB. No.	SOURCE	DATE 1908	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	HARDNESS			REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		Temporary	Permanent	Total	
401	College Hill Reservoir.	Aug. 27	Clear.	139	61	78	22	0.0	0.004	0.04	0.142	3	81	2	83	Sample taken from wharf, 5 ft. below surface.
402	University Mound Reservoir.	Aug. 27	Clear.	269	87	182	25	0.001	0.192	0.028	0.11	2	170	6	176	Sample taken from wharf, 6 ft. below surface.
403	Clarendon Heights Tank	Aug. 27	Clear.	260	96	164	26	0.0	0.32	0.032	0.102	2	165	9	174	Sample taken from tank, 5 ft. below surface.
404	South Lake Merced.	Aug. 27	Clear, with suspended matter.	272	92	180	63	0.0	0.004	0.04	0.24	4	121	9	130	Sample taken 8 ft. below surface from boat in center of lake.
405	North Lake Merced.	Aug. 27	Clear, with suspended matter.	305	93	212	66	0.0	0.012	0.032	0.258	5	139	0	139	Sample taken 8 ft. below surface, from boat in center of lake.
406	Lake Honda Reservoir.	Aug. 27	Clear, with suspended matter.	180	50	130	34	0.0	0.062	0.026	0.176	4	92	6	98	Sample taken 8 ft. below surface, from boat in center of reservoir.
407	Potrero Heights Reservoir.	Aug. 27	Clear.	274	99	175	26	0.0	0.054	0.034	0.154	3	168	5	173	Sample taken from Gate House, 6 ft. below surface.
408	Clay Street Tank.	Aug. 27	Clear.	325	102	223	30	0.0	0.684	0.02	0.088	2	199	16	215	Sample taken from tank, 4 ft. below surface.
409	Francisco Street Reservoir.	Aug. 27	Clear.	229	69	160	31	0.0	0.096	0.036	0.126	4	124	6	124	Sample taken 10 inches below surface, from boat in center of reservoir. 14 inches of water in reservoir.
10	Presidio Heights Tank.	Aug. 27	Clear.	286	92	194	25	0.0	0.324	0.028	0.096	2	169	4	173	Sample taken from tank, 8 ft. below surface.
411	Lombard Street Reservoir.	Aug. 27	Clear.	210	69	141	33	0.0	0.096	0.036	0.122	3	113	0	113	Sample taken from fore-bay, 5 ft. below surface.

CHEMICAL LABORATORY--Cont'd.

WATER.

SAMPLES OF WATER TAKEN FROM MISCELLANEOUS SOURCES.

Lab. No.	SOURCE	Date 1908	Clear or Turbid	Total Solids	Loss on Ignition	Residue	Chlorine	NITROGEN AS				Oxygen Consumed	HARDNESS			REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		Temporary	Permanent	Total	
392	Seaman's Institute, Stewart Street.	Aug. 5	Clear.	289	93	196	23	0.0	0.190	0.03	0.06	3	171	7	178	Sample taken from tap in kitchen.
395	Hale Bros. Store, Market Street.	Aug. 12	Clear.	700	340	360	92	0.001	17.6	0.02	0.038	1	169	184	353	From a bored well, 198 ft. deep, cased with galvanized iron, perforated at the bottom. Well in basement. Filtered water.
396	Hale Bros. Store, Market Street.	Aug. 12	Clear.	638	295	343	91	0.006	17.6	0.034	0.056	1	163	177	340	From the above well, before filtration.
397	St. Francis Hotel, Powell Street.	Aug. 18	Clear.	267	105	162	23	0.0	0.262	0.046	0.112	2	170	6	176	Sample taken from tap in kitchen, before sterilization.
398	St. Francis Hotel, Powell Street.	Aug. 18	Clear.	264	106	158	24	0.0	0.232	0.032	0.106	2	170	6	176	Sample taken in kitchen after going through a Forbes Sterilizer.
399	Tap in Laboratory.	Aug. 18	Clear, with suspended matter.	188	76	112	30	0.0	0.22	0.034	0.144	3	101	5	106	Tap water before going through a Pasteur Filter.
400	Pasteur Filter in Laboratory.	Aug. 18	Clear.	189	93	96	30	0.0	0.148	0.028	0.092	3	101	7	108	Tap water after going through Pasteur Filter.
412	Tap at 313 Lyon Street.	Aug. 27	Clear.	178	47	131	34	0.0	0.148	0.028	0.134	3	92	1	93	Tap water.
414	County Line Water Co., Reiss' Tract.	Aug. 28	Clear.	225	46	179	31	0.0	1.166	0.022	0.036	1	87	8	95	Tap Water.

SAMPLES OF WELL WATER TAKEN FROM DAIRY RANCHES.

393	Dairy of La Brucheri Bros., La Grande and Brazil Sts.	Aug. 12	Clear.	677	361	316	96	0.002	22.0	0.048	0.052	1	140	190	330	From a dug well about 60 ft. deep, cased with wood. Well loosely covered and located in line of drainage of barns.
394	Dairy of La Brucheri Bros., La Grande and Brazil Sts.	Aug. 12	Clear.	697	405	292	90	0.002	22.0	0.024	0.042	1	140	190	330	The above sample was taken from the tank, this one directly from the Well.
413	Dairy of M. Johnson, 6-Mile House, San San Bruno Road.	Aug. 28	Clear.	1750	896	854	338	0.006	74.8	0.088	0.168	4	189	388	577	From a bored well, about 80 ft. deep, cased with galvanized iron, per 15 within 3 ft. of surface. Well situated in lowest point of a considerable drainage area, including cow corral and dairy bldg.

RECORD OF ARRESTS MADE DURING MONTH

ARRESTED	NAME	ORDINANCE VIOLATED	COMPLAINANTS	JUDGES	DISPOSAL
August 4	John Wing	Violating Ordinance 13	Murphy	Conlan	Case dismissed August 6th.
" 4	A. Craviotto	Violating Ordinance 13	Murphy	Conlan	Case dismissed August 6th.
" 7	J. Podesta	Violating Ordinance 13	Murphy	Shortall	Found guilty and fined \$5, August 8th.
" 7	S. Galli	Violating Ordinance 13	Murphy	Shortall	Found guilty and fined \$5, August 8th.
" 7	W. Stallman	Violating Ordinance 13	Murphy	Shortall	Found guilty and fined \$5, August 10th.
" 8	J. Duvaros	Violating Ordinance 13	Murphy	Shortall	Found guilty and fined \$5, August 10th.
" 16	F. R. Shaefer	Violating Section 383 Penal Code	Campbell	Shortall	Pending.
" 16	F. R. Shaefer	Violating Ordinance 821	Campbell	Shortall	Pending.
" 19	Charles D iss	Violating State Milk Law	Lydon	Conlan	Pending.
" 20	Ed Green	Violating State Milk Law	Lydon	Conlan	Pending.
" 24	Pete Menjou	Violating State Milk Law	Lydon	Conlan	Pending.
" 26	John Mendott	Violating State Milk Law	Murphy	Weller	Pending.

SUMMARY.

Total number of arrests made	12	
Total number of convictions		4
Total number of dismissals		2
Total number pending		6
		12
Amount in fines	\$20.00	

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the Month of August, 1908

DATE.	BAROMETER.		TEMPERATURE.				DEW POINT.		RELATIVE HUMIDITY.		WIND.		RAINFALL IN	CHARACTER OF DAY.	
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	TOTAL DAILY MOTION. DIREC.	INCHES.		
1.....	29.92	29.89	73	56	17	64	54	89	54	78	29	W	276	0	Part Cloudy.
2.....	29.87	29.89	63	54	9	58	52	89	53	80	24	W	332	0	Clear.
3.....	29.95	29.98	58	52	6	55	50	92	50	85	24	W	289	0	Cloudy.
4.....	29.97	29.93	55	52	3	54	51	95	50	88	21	W	251	0	Cloudy.
5.....	29.89	29.86	60	50	10	55	49	95	49	87	24	W	258	0	Cloudy.
6.....	29.88	29.88	61	50	11	56	50	97	50	88	25	W	286	0	Part Cloudy.
7.....	29.88	29.82	64	50	14	57	50	96	51	82	28	SW	259	0	Clear.
8.....	29.85	29.87	60	50	10	55	51	97	54	88	28	W	331	0	Cloudy.
9.....	29.85	29.89	58	50	8	54	52	97	52	85	33	SW	351	0	Cloudy.
10.....	29.94	29.94	57	50	7	54	49	95	49	87	25	W	307	0	Cloudy.
11.....	29.97	29.92	58	50	8	54	48	91	49	87	26	W	287	0	Part Cloudy.
12.....	29.91	29.90	62	52	10	57	48	88	50	80	28	W	346	0	Clear.
13.....	29.86	29.90	57	53	4	55	53	97	52	85	21	W	299	.01	Cloudy.
14.....	29.93	29.95	62	52	10	57	50	90	52	85	25	W	244	T	Part Cloudy.
15.....	30.01	29.98	59	51	8	55	51	97	52	85	26	W	267	0	Part Cloudy.
16.....	29.97	29.93	59	51	8	55	50	94	52	91	25	W	271	0	Cloudy.
17.....	29.96	29.93	58	51	7	54	52	99	51	88	27	W	284	0	Cloudy.
18.....	29.97	29.94	60	50	10	55	51	98	52	82	27	W	249	0	Part Cloudy.
19.....	29.97	29.90	58	51	7	54	50	97	51	88	26	W	248	0	Cloudy.
20.....	29.95	29.91	59	52	7	56	51	95	52	85	26	SW	293	0	Part Cloudy.
21.....	29.94	29.92	60	51	9	56	51	98	50	72	22	W	274	0	Part Cloudy.
22.....	29.97	30.00	61	53	8	57	48	82	51	75	19	W	225	0	Part Cloudy.
23.....	30.02	29.99	64	53	11	58	50	87	52	75	26	W	261	0	Clear.
24.....	30.05	29.96	69	52	17	60	40	91	48	53	23	SW	248	0	Clear.
25.....	29.98	29.96	68	51	17	60	48	86	49	65	29	SW	261	0	Clear.
26.....	30.00	30.04	60	52	8	56	49	88	49	87	27	SW	296	0	Part Cloudy.
27.....	30.03	30.05	64	52	12	58	49	87	54	78	22	W	314	0	Clear.
28.....	30.00	29.92	70	52	18	61	51	91	50	57	17	NW	189	0	Clear.
29.....	29.89	29.87	69	53	16	61	46	75	48	54	15	SW	134	0	Clear.
30.....	29.97	29.91	80	56	24	68	50	74	44	34	18	SW	114	0	Clear.
31.....	29.98	30.03	80	57	23	68	53	81	52	63	25	W	217	0	Clear.
MEANS.....	29.946	29.931	62.8	51.9	10.9	57.3	50.2	91.2	50.7	77.9	24.5	W	8261 266.5 Hourly 11.1	.01	Clear.....11 Part Cloudy.....10 Cloudy.....10
															T—Trace

T—Trace

HEALTH DEPARTMENT

OF THE

City and County of San Francisco, California

Bulletin Published by the Board of Health for the Month of September, 1908

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D.

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R. G. BRODRICK, M. D., Health Officer.

W. C. HASSLER, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

Deaths during Month of September, 1908	447
Less Deaths of children under one week of age	6
Non-residents	26
Deaths by violence.....	42 74 373
Population estimated at 425,000.....	Annual Death Rate per 1000 inhabitants, 10.52

DEATHS BY SEX

Males	291
Females	156

BY SOCIAL CONDITION

Single	193
Married	154
Widowed	82
Divorced	3
Unknown.....	15

BY COLOR

White	429
Chinese.....	9
Japanese	4
Black	5

BY NATIVITY

San Francisco.....	92
Other parts of California.....	63
Other States	86
Foreign Countries	198
Unknown	8

Still births registered (not included in mortality tables): Males, 22; Females, 10. Total, 32.

BIRTHS REGISTERED*

TOTAL.	SEX.		RACE.				Twins (pairs).	Triplets.	NATIVITY OF PARENTS.										MIXED PARENTAGE.			
	Male.	Female.	White.	Chinese.	Japanese.	Black.			United States	Germany.	Great Britain	Ireland.	Italy.	China.	Japan.	France.	Scandinavia.	Other.	Unascertained.	Anglo American.	Latin.	Others.
515	268	247	492	10	11	2	4	..	205	19	9	21	53	1	11	5	17	34	11	38	5	86

*Returns of Births incomplete.

Annual Birth Rate per 1,000 Inhabitants.....	14.52
Marriage licenses issued	349

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (International Classification.)		Deaths reported during month Sept. 1908.	SEX.		AGE BY YEARS.											SOCIAL RELATION.			COLOR.			
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
DEATHS FROM ALL CAUSES.		447	291	156	64	16	80	6	15	40	63	57	68	53	65	193	154	100	429	9	4	5
I.	General Diseases	134	85	49	5	8	13	3	6	20	27	17	21	16	11	60	48	26	129	4	1	
II.	Diseases of Nervous System	42	26	16	5	2	7		2	4	5	9	5	10	14	18	10	42				
III.	Diseases of the Circulatory System	62	32	30					2	2	4	5	13	11	25	10	28	24	60		1	1
IV.	Diseases of the Respiratory System	42	29	13	9	3	12		2	1	5	4	4	7	7	24	9	42				
V.	Diseases of the Digestive System	54	40	14	16	3	19	1	1	5	6	10	4	5	3	27	20	7	49	1	2	2
VI.	Diseases of the Genito-Urinary System	35	21	14	1		1			3	6	6	10	5	4	10	16	9	31	3		1
VII.	Childbirth	2		2					1	1							2					
VIII.	Diseases of the Skin																					
IX.	Diseases of the Locomotor System	1	1							1						1			1			
X.	Malformations	3	3		3		3									3			3			
XI.	Early Infancy	14	9	5	14		14									14			13			1
XII.	Old Age	6	2	4			2							2	4	1	1	4	6			
XIII.	Violence	42	37	5	2		2	2	1	7	11	8	7	2	2	19	12	11	41	1		
XIV.	Ill-Defined Diseases	10	6	4	9		9				1					10		10				
I. General Diseases																						
(a) Epidemic Diseases.																						
1.	Typhoid Fever	5	5						2	1	1	1				2	3		4		1	
2.	Typhus, Exanthematic																					
3.	Fever, Recurrent																					
4.	Fever, Intermit't and Malarial Cachexia	1	1		1		1									1		1				
5.	Smallpox	1	1								1					1		1				
6.	Measles																					
7.	Scarlatina	1	1		1		1									1		1				
8.	Whooping Cough	3		3	1	2	3									3		3				
9.	Diphtheria	3	3		1		1	2								3		3				
9a.	Croup																					
10.	Influenza																					
11.	Miliary Fever																					
12.	Cholera, Asiatic																					
13.	Cholera, nostras	1	1							1						1			1			
14.	Dysentery																					
15.	Pest (Plague)																					
16.	Yellow Fever																					
17.	Leprosy																					
18.	Erysipelas	1	1		1		1									1		1				
19.	Other Epidemic Diseases																					
(b) Other General Diseases.																						
20.	Purulent Infection and Septicæmia	3	3						1	1					1	3		3				
21.	Glanders and Farcy	1	1							1					1			1				
22.	Malig't Pustule and Charbon (Anthrax)																					
23.	Rabies																					
24.	Actinomycosis, Trichinosis, etc																					
25.	Pellagra																					
26.	Tuberculosis of Larynx																					
27.	Tuberculosis of Lungs	50	35	15	1	1	1	2	10	18	8	4	4	2	25	17	8	48	2			
28.	Tuberculous Meningitis	5	2	3	4	4				1					4	1		5				
29.	Tuberculosis, Abdominal	2	1	1						1		1			1		1	2				
30.	Pott's Disease	1	1							1						1		1				
31.	Tuberculous Abscess																					
32.	White Swelling																					
33.	Tuberculosis of Other Organs																					
34.	Generalized Tuberculosis	1	1		1	1									1			1				
35.	Scrofula																					
36.	Syphilis	1	1							1								1	1			
37.	Gonorrhea of the Adult	1	1													1		1				
38.	Gonorrheal Infections of Children																					
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	5	5							2		1		2	2	3		5				
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	11	4	7							1	3	5	2		4	7	11				
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	5	2	3						1	1	1	1	1		4	1	5				
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	4		4						1		2	1		1	1	2	4				
43.	Cancer and Other Malignant Tumors of the Breast	5		5						1	1	1	2		1	1	3	5				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (International Classification.)		Deaths reported during month, Sept., 1908.	SEX.		AGE BY YEARS										SOCIAL RELATION			COLOR.				
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
44.	Cancer and Other Malignant Tumors of the Skin.....																1					
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.....	5	3	2						2			3		2	3		5				
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																					
47.	Rheumatism, Acute, Articular.....																					
48.	Rheumatism, Chronic, and Gout.....																					
49.	Scurvy.....																					
50.	Diabetes.....	7	5	2						1		1	1	1	3		5	2	6	1		
51.	Goitre, Exophthalmic.....	1		1						1							1		1			
52.	Addison's Disease.....																					
53.	Leukæmia.....	2	1	1						1				1		1	1		2			
54.	Anæmia, Chlorosis.....	2	1	1								1	1			2		2				
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	6	5	1							1	1	3	1		2	3	1	6			
57.	Lead Poisoning.....																					
58.	Other Professional Intoxications.....																					
59.	Other Chronic Poisonings.....																					
II. Diseases of the Nervous System.																						
60.	Encephalitis.....																					
61.	Meningitis, Simple.....	4	2	2	2	2					1			1	3		1	4				
61a.	Meningitis, Epidemic Cerebro-spinal.....	5	4	1	2	4		1							4		1	5				
62.	Locomotor Ataxia, Progressive.....	4	2	2								1	2	1	1	2	1	4				
63.	Other Diseases of the Spinal Cord.....	1	1										1			1		1				
64.	Apoplexy Cerebral.....	22	13	9							1	3	6	3	9	3	12	7	22			
65.	Cerebral Softening.....																					
66.	Paralysis.....	1	1								1					1		1				
67.	Paralysis, General, of Insane.....	1	1											1		1		1				
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....																					
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....	1		1	1	1										1		1				
72.	Tetanus.....																					
73.	Chorea.....																					
74.	Other Diseases of the Nervous System.....	2	2								1	1				2		2				
75.	Diseases of the Eye and Its Adnexa.....																					
76.	Diseases of the Ear.....	1		1					1							1		1				
III. Diseases of the Circulatory System.																						
77.	Pericarditis.....	1		1							1							1	1			
78.	Endocarditis, Acute.....																					
79.	Organic Diseases of the Heart.....	49	26	23					1	2	3	5	12	8	18	8	24	17	17		1	
80.	Angina Pectoris.....																					
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	11	6	5									1	3	7	1	4	6	11			
82.	Embolism and Thrombosis.....																					
83.	Diseases of the Veins.....	1		1					1							1		1				
84.	Diseases of the Lymphatics.....																					
85.	Hemorrhages.....																					
86.	Other Diseases of the Circulatory System.....																					
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....																					
88.	Laryngitis.....																					
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	6	5	1	2	1	3		1					1	1	5	1		6			
91.	Bronchitis, Chronic.....	3	1	2											3		1	2	3			
92.	Broncho-Pneumonia.....	7	6	1	4	1	5				1			1		6		1	7			
93.	Pneumonia.....	23	15	8	3	1	4		1	1	3	3	1	1	3	12	6	5	23			
94.	Pleurisy.....																					
95.	Pulmonary Congestion and Apoplexy.....																					
96.	Gangrene of the Lung.....	1	1									1				1			1			
97.	Asthma.....																					
98.	Pulmonary Emphysema.....	1	1											1		1		1				
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	1		1							1						1	1				

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (International Classification.)	Deaths reported during month Sept., 1908.	SEX.		AGE BY YEARS.										SOCIAL RELATION.			COLOR.				
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
X. Diseases of the Locomotor System.																					
146. Diseases of the Bones (nontuberculous).....	1	1							1						1			1			
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148. Amputation.....																					
149. Other Diseases of the Organs of Locomotion.....																					
X. Malformations.																					
150. Hydrocephalus.....	1	1		1		1									1			1			
150a. Congenital Malformation of Heart—Cyanosis.....	2	2		2		2									2			2			
150b. Other Congenital Malformations.....																					
XI. Early Infancy.																					
151. Premature Birth.....	1	1		1		1									1			1			
151a. Congenital Debility.....	11	6	5	11		11									11			10			1
152. Other Diseases of Early Infancy.....	2	2		2		2									2			2			
153. Lack of Care.....																					
XII. Old Age.																					
154. Senility.....	6	2	4										2	4	1	1	4	6			
XIII. Violence.																					
155. Suicide by Poison.....	6	5	1					1	5						1	4	1	6			
156. Suicide by Illuminating Gas.....	2	1	1						1	1					1		1	2			
157. Suicide by Hanging or Strangulation.....																					
158. Suicide by Submersion.....	1	1						1									1	1			
159. Suicide by Firearms.....	8	8						3	1	1	3				3	3	2	8			
160. Suicide by Cutting Instruments.....																					
161. Suicide by Jumping from High Places.....																					
162. Suicide by Crushing.....																					
163. Other Suicides.....								1		1											
164. Fractures.....	6	5	1					1		1	3	1			1	1	1	6			
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....																					
166a. Injuries by Machinery.....																		1			
166b. Injuries in Mines and Quarries.....	1	1							1								1		1		
166c. Railroad Accidents and Injuries.....																					
166d. Street Car Accidents and Injuries.....	3	2	1					1		1		1			1	1	1	3			
166e. Injuries by Horses and Vehicles.....	4	4					2		1		1				3		1	1			
166f. Other Accidental Traumatisms.....	2	2							1	1					2			2			
167. Burns and Scalds.....																					
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....																					
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....	2	2							1				1		1	1		1	1		
173. Starvation, Privation, Etc.....																					
174. Inhalation of Illuminating Gas (Suicide excepted).....	1	1											1			1		1			
175. Other Acute Poisonings.....	2	1	1	1		1								1	1		1	2			
176. Suffocation.....	1	1									1					1		1			
176a. Injuries at Birth.....	1	1		1		1									1			1			
176b. Homicide.....	1	1											1					1			
176c. Other External Violence.....	1	1						1							1			1			
XIV. Ill-Defined Diseases.																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....	2	1	1	2		2									2						
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....	7	4	3	7		7									1			7			
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....	1	1									1				1			1			

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS.

(Arranged according to Calendar Year.)

	1907 Sept.	Oct.	Nov.	Dec.	1908 Jan.	Feb.	March	April	May	June	July	Aug.
General Diseases.....	154	177	176	188	174	165	162	150	163	129	142	130
Diseases of Nervous System.....	44	45	44	56	43	55	64	37	57	50	31	45
of Circulatory System.....	66	74	80	93	97	82	106	67	84	73	61	62
of Respiratory System.....	42	52	48	84	117	86	83	52	64	52	47	47
of Digestive System.....	55	54	47	53	42	38	52	41	29	42	61	55
of Genito-Urinary System.....	32	36	39	44	52	37	43	46	31	30	37	48
Childbirth.....	4	4	.....	4	9	5	4	5	9	8	6	4
Disease of the Skin.....	1	.....	1	1	1	1	1	2	4	1	2	2
of Locomotor System.....	.....	.....	1	1	.....	1	.....	1	1	.....	5	.....
Malformations.....	1	2	4	2	2	3	4	1	5	3	8	3
Early Infancy.....	15	15	20	20	17	15	22	18	24	15	23	28
Old Age.....	11	14	10	9	18	6	7	5	9	7	4	7
Violence.....	46	50	38	67	53	57	60	47	61	61	54	54
Ill Defined Diseases.....	12	6	8	14	4	1	5	1	1	10	5	3
Total Deaths.....	483	529	516	636	629	552	613	473	542	481	486	488
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
Annual Death Rate per 1,000 inhabitants.....	13.56	14.88	14.52	17.88	17.76	15.48	17.28	13.32	15.24	13.56	13.68	13.68
Under 1 Year.....	72	67	76	75	53	51	68	51	68	61	93	82
1 to 5 Years.....	18	21	22	28	24	31	26	24	19	16	20	20
5 to 70 Years.....	319	365	337	427	432	353	422	330	378	334	304	306
70 and Over.....	74	76	81	106	120	117	97	68	77	70	69	80
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions	194	227	195	229	242	203	215	172	224	216	203	203

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908.....	486	488	447	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908.....	557	525	515	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire.

†Returns very incomplete.

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.												U. S. Institutions				En Route — In Bay — Public Parks, Etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
City and County Hospital.											Other Hospitals and Sanatoria.	U. S. Marine Hospital.	U. S. A. General Hospital. (Presidio)	On Presidio Reservation.	Yerba Buena Island, (U. S. Naval Station)	En Route to Hospital.	In Bay of San Francisco.	Pacific Ocean	On Ferry Boat. (Bay.)	On Board Ship. (Bay.)						At Place of Residence.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
32	7			11	2		1		1	1	112	5	4	1	1	1	3		1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.						
Calvary Rec. Vault	I. O. O. F. Cremations.	I. O. O. F. Rec. Vault.	Laurel Hill Rec. Vault.	Masonic Rec. Vault	National (Presidio.)	U. S. Marine Hospital.	Yerba Buena Island.	Cypress Lawn (Interments.)	Cypress Lawn (Cremations.)	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Indigent).	San Mateo (Chinese.)	Servian.	Sunset (Indigent.)	Woodlawn.	To Medical Colleges	Shipped to Outside Points.	TOTAL.	Indigent Dead.
69			2		24	3		49			18	7	150	4	39	1	59	11		9	2	33	7	11	53	551	49

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																					
Calvary.	City.	I. O. O. F. (bodies.)	I. O. O. F. (ashes.)	Laurel Hill.	Masonic.	Mission Dolores.	National. (Presidio.)	U. S. M. H.	Total.	Cypress Lawn.	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Chinese).	Sunset.	National. S. F.	Woodlawn.	I. O. O. F. for Cremation.	Laurel Hill S. F. (Ashes.)	Masonic S. F. (Ashes.)	To Home Amen).	Cal. Interior Policies.	Cal. Interior Amen).	City Inter- ment.	Total.
24	15	14	30	5	12				100	9		4		24	1	8		7	1		7		9			3	11	3	6	7	100

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED											TRANSCRIPTS ISSUED	NO.	FEES COLLECTED	
Bath House.	Laundry.	Cigar Factory.	Milk.	Master Plumbers' Licenses.	Manure Wagons.	Vegetable and Manure Wagons.	Swill Wagons.	Scavenger Wagons.	Approvals for Locations of Stables.	School Attendance.	Vaccination Certificates.			
												Certified Copies Birth (at 75c. each)	35	\$26.25
												Same—For Pension Purposes, Etc.		No Fee Charged
												Certified Copies Death (at 75c. each)	45	33.75
												Same—For Pension Purposes, Etc.	4	No Fee Charged
												Permits for Removal of Bodies and Ashes.	100	No Fee Charged
												Same—(at \$10 each)		
												Total	184	\$60.00
	4	3		49	2	2			6	29				

Total, 95

Total of all permits, etc., issued, 279

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

	SALARIES.	MAINTENANCE	TOTAL
Central Office	\$5614.65	\$ 707.52	\$ 6322.17
City and County Hospital	3203.05	4460.44	7663.49
Same—For Care of City Patients in Private Hospitals (Bed Days) 1550		2219.56	2219.56
Relief Home Aged and Infirm	5235.30	7019.37	12254.67
Emergency Hospitals	3147.75	645.53	3793.28
Isolation Hospitals—Smallpox Department	275.00	211.45	486.45
Leper Department	435.00	443.44	878.44
Grand Totals	\$17910.75	15707.31	33618.06

Special Sanitation \$1257.12

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Aug.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To Coroner (Dead on Arrival)	Died	TOTAL	Remaining in Hospital September 30.	Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	6	744	750	414	156	57	43	5	55	3	10	743	7	...	...	...	...	...	...
Harbor.....	...	431	431	393	...	...	8	1	26	1	2	431	...	...	...	...	...	...	...
Park.....	...	53	53	45	...	...	1	...	7	...	...	53	...	...	...	...	...	...	...
Potrero.....	...	205	205	188	...	...	4	...	12	1	...	205	...	...	...	...	...	...	...
Insane Detention.....	...	49	49	19	2	...	...	...	...	...	1	49	...	...	3	...	9	6	9
Totals.....	6	1482	1488	1059	158	57	56	6	100	5	13	1481	7	...	3	...	9	6	9

City and County Hospital

WM. R. DORR, M. D., WARDEN.

Remaining in Hospital from Aug.	Examined for Admission.	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES													Remaining in Hospital September 30	Average Number Patients During Month	Average No. Officers and Employer.
						DISCHARGED															
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL.				
326	187	..	187	..	513	80	42	8	5	2	..	1	..	11	6	31	186	327	328.6	95	

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Remaining in Home from Aug.	Admitted	TOTAL	DISCHARGED								Remaining in Home September 30	Medical Cases Treated	Surgical Cases treated	Surgical Discharges	Prescriptions	
			At Own Request.	For Cause.	Left Without Permission.	Overstayd Pass.	Sent to City and County Hospital	Sent before Insanity Com.	Died.	TOTAL						
1166	74	1240	21	..	1	8	..	1	6	37	1203	..	..	..	..	..

ISOLATION HOSPITALS.

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. Remaining Aug. 31	8	..	15	..	..	..
No. admitted	6	14	..	..	..	..
No. discharged.....	..	11	..	..	..	..
No. of deaths.....	..	1	..	..	..	..
No. remaining . Sept 30 ...	..	2	..	15	..	..
No. diagnostic visits.....	18	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	4

REPORT OF CITY PHYSICIAN.

JAMES T. WATKINS, M. D.

Patients treated or examined at office	51
Visits to patients.....	16
Sent to City and County hospital.....	10
Visits to jails.....	13
Patients in jail.....	110
Visits to prisons.....	13
Patients in prison.....	139
*No. of vaccinations (in jail)	..
Special visits.....	9
Hospitals inspected.....	9

*None performed—Sheriff will not supply Vaccines.

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED											
													QUARANTINED			*INVESTIGATED								
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections
G. D. Culver, M.D.....	..	..	..	..	..	..	..	..	..	93	89	182	14	2	3	26	..	14	8	2	2	1	4	82
H. L. Curtis, M.D.	..	..	..	..	..	..	..	..	..	90	126	216	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	2	20	22	16	..	2	4	22	20	102	85	207	5	2	..	30	..	4	12	4	2	1	5	68
F. C. Muller, M.D.....	..	2	2	1	..	..	1	2	2	84	60	146	17	14	9	32	5	13	2	1	1	5	4	112
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	2	22	24	17	..	2	5	24	22	369	360	751	36	18	12	88	5	31	22	7	5	7	13	262

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily.

*Erysipelas 5
Glanders 8
Trachoma 5

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED										MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis	Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)			
30	14	14	46	..	2	..	1	3	110	264	327250	3530	303	48		

I. L. David, Thos. Kane, Disinfectors.

Condemnations and Seizures

DIVISION OF DAIRY INSPECTION

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								*ARRESTS MADE						
		Milk Wagons.	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Diamassals	Pending
W. E. Lendrum	42	4	5	33					..		..	..	..	..	..	..
T. P. Lydon	50	37	..	..			13		..	4	5	9	4	\$ 75	..	..
E. F. Murphy	64	35	2	1			26		..	3	12	15	2	200	..	..
E. B. O'Connor	102	..	..	102					..		..	..	..	..	..	..
Total.....	258	76	7	136			26		..	7	17	24	14	\$275	2	11

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Ahattois	Markets	Wharves.	R. R. Depots.	Commission Houses.	Chinatown	TOTAL	Fish (lbs.)	Beeves.	Calves.	Hogs.	Sheep.	Lambs.	Poultry.
John Brown.....	...	200	230	40	40	313	823	300000	600	1139	2014	443	985	51700
S. J. Campbell.....	48	540	...	11	88	...	687	110000	2284	1269	2175	2165	2340	119275
W. H. Jordan.....	126	...	...	..	...	...	186	...	3000	650	3325	400	7000	...
T. McEnroe.....	399	24	36	..	...	47	506	30000	4026	1250	7050	8525	15600	25700
John Regan.....	320	80	80	16	40	120	656	50000	6000	2100	8000	14000	9000	46950
Totals	893	844	346	67	168	480	2798	445000	15910	6408	22564	25533	34925	243625

Condemnations and Seizures

INSPECTOR.	Fish (lbs.)	Beef (lbs.)	Calves.	Sheep.	Lambs	Hogs.	Chickens.	Other Poultry.	Corned Beef (lbs.)	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	22000	600	4	.....	.....	.....	1301	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	350	4150	57	.....	.....	.....	183	15	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	2400	43	24	18	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	2200	53	14	15	7	310	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan.....	1850	3000	40	16	10	5	73	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	24200	12350	197	54	43	20	1867	15	.....	.....	.....	.....	.....	.....	.....	.....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	7819	2372	16930	12522	10985
Supplied from Outside of City..	4644	3181	5389	6324	3148
Totals.....	12463	5553	22319	18846	14133

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
*Bakeries	65	60	5	2	3	..	..	..	..	..
Bath Houses.....	..	..	..	..	..	..	..	..	..	..
Laundries.....	127	101	26	..	10	..	23	16	7	..
Garment and Shoe Factories.....	7	6	1	..	1	..	..	1	..	..
Cigar Factories.....	34	32	2	..	1	..	1	..	..	..
Restaurants.....	..	..	..	..	..	..	..	..	..	..
Meat Markets.....	9	8	1	..	..	..	1	1	..	..
Candy Factories.....	19	19	..	..	..	..	..	..	..	..
Miscellaneous.....	5	5	..	..	..	..	..	..	..	..
Stables.....	16	..	16	10	..	..	16	6	..	..
Totals.....	282	231	51	12	15	..	41	24	7	..

*Note—9 Samples of Coloring Matter Collected from Bakeries.

HY. D. MILLER, Inspector.

DIVISION OF PLUMBING INSPECTION

Name of Inspector	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell (Chief)	146	56	6	208	56	11680	2920	56	..	..	..	1	..	1	1	..	..	15	..
W. D. Hobro, Jr.....	167	33	29	229	167	13160	6680	33	16	21	37	23	16	39	24	..	..	16	22
H. R. Murphy	51	33	18	102	51	2640	1650	33	76	80	156	74	45	119	31	..	27	61	27
P. Mulligan	174	73	22	269	174	8500	2000	73	55	28	83	15	55	70	23	9	21	17	35
J. Robertson	102	65	24	191	102	8160	5100	65	28	40	68	15	28	43	22	1	10	10	28
J. E. Sweeney.....	121	67	4	192	121	9680	6050	64	23	11	34	1	23	24	11	..	1	12	23
Totals.....	761	327	103	1191	671	53820	24400	324	198	180	378	129	167	296	112	10	59	115	129

New Fixtures Installed in Old Buildings.

Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
71	34	29	33	18	2	19	2	2	11

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
3	2	5	..	..	1	1

Number of Plans submitted.....206
 Number of Buildings represented... 221
 Permits granted for repair work.....61

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				UNABATED	
								By Repair	By Demolition	Re-Condemned by taking up under New Ordinance	Total	In Process of Abatement	Total Unabated
Dwellings	13	..	13	67	12	1	80	3	3	3	9	..	71
Stables.....	39	3	42	104	34	6	144	9	1	2	12	..	132
Miscellaneous	7	3	10	28	5	1	34	2	1	1	4	..	30
Total.....	59	6	65	199	51	8	258	14	5	6	25	196	233

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector.

JOSIE GRAHAM, EDITH FLYNN, KATHERINE SHAIN, KATHERINE WYNNE, (Graduate Nurses), Assistants.

Vaccination Report on 23 Schools—Of 10812 pupils—2518 have no vaccination scar 23.5%
 Number vaccinated during months of August and September..... 399

MEDICAL INSPECTION—No. sent home..... 36
 No. returned..... 23

10 schools—4872 pupils..... 1156 require treatment

No. of cases of defective vision..... 85 “ “ “ “ diseased eyes..... 108 “ “ “ “ contagious eye diseases..... 4 “ “ “ “ diseased ears..... 15 “ “ “ “ obstructed nasal breathing..... 236 “ “ “ “ defective teeth..... (about) 50% “ “ “ “ Adenoids..... 169 “ “ “ “ Hypertrophied tonsils..... 53 “ “ “ “ “ and Adenoids..... 50	No. of cases of defective mentality..... 7 “ “ “ “ skin diseases..... 105 “ “ “ “ deformity of spine..... 2 “ “ “ “ hip disease..... 3 “ “ “ “ chlorea..... 1 “ “ “ “ epilepsy..... 2 “ “ “ “ goitre..... 1 “ “ “ “ adenitis cervicalis..... 6 “ “ “ “ pediculosis..... 595
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BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist.

EXAMINATIONS MADE.	POSITIVE.	NEGATIVE.	NO GROWTH.	TOTALS.
Diphtheria.....	18	50	1	69
Sputum (for Tuberculosis).....	5	4	..	9
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions.....	4	10	1	15
Water.....	..	..	..	27
Other Examinations.....	1	..	..	1
Milk.....	..	..	..	107
Disinfectants.....	..	..	..	3
Total Examinations.....	28	64	2	231

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist.

SAMPLE.	SUBMITTED BY	NAME OF CASE.	RESULT.
Stomach and bladder.....	Coroner.....	Mrs. J. M. Griswold.....	No poison present.
Stomach, kidney, brain, liver, bladder.....	Coroner.....	Nels Olsen.....	Possible trace of arsenic from embalming fluid.
Stomach.....	Coroner.....	Frederick Bose.....	No poison present.
Stomach.....	Coroner.....	John Flynn.....	No poison present.
Blood.....	Coroner.....	W. M. Kirk.....	Carbon Monoxide.
Stomach.....	Coroner.....	Fred Cruz.....	Strychnine present.
Stomach.....	Coroner.....	Elizabeth Allen.....	No poison present.
Stomach.....	Coroner.....	Andrew Sharkey.....	No poison present.
Stomach, urine.....	Coroner.....	Unknown Man.....	No poison present.
Stomach and washings.....	Coroner.....	Geo. W. Nielson.....	No poison present.
Stomach.....	Coroner.....	Erskine Richardson.....	Potassium Cyanide present.
Stomach.....	Coroner.....	Chas. Walsh.....	Strychnine Present.
Stomach and urine.....	Coroner.....	Mrs. Emma Flynn.....	No poison present.
Stomach.....	Coroner.....	R. J. Johnson.....	Potassium Cyanide present.
Stomach.....	Coroner.....	H. D. Bristol.....	Potassium Cyanide present.
Stomach.....	Coroner.....	Laura B. Cullen.....	Ammonia and Iodine present.
Stomach.....	Coroner.....	John Clark.....	No poison present.
Stomach and medicine.....	Coroner.....	Mrs. M. Anderson.....	No poison present.
Milks 7.....	City Chemist.....		Reported.

Total number of samples analyzed during month, 25

CHEMICAL LABORATORY.

C. W. BEAVER,
Chemist.

C. F. HOYT,
R. A. JONES,
*Asst. Chemists

The work of the Chemical Laboratory for the month of September consisted of the analysis of 271 samples of milk, 19 samples of water, 2 samples of olive oil and 1 sample of tomato catsup. Total number of analyses 293.

MILK.

Samples taken from shippers.....	135; below standard... 4
Samples taken from retailers.....	84; below standard...12
Samples taken from restaurants.....	39; below standard...19
Samples from Public Institutions.....	6; below standard... 4
Samples submitted by individuals.....	7; below standard... 0
Total number of samples analyzed.....	271.
Total number of samples below standard (3 % fat; 8.5 % solids not fat.).....	39
Percentage below standard.....	14.4
Samples sufficiently below standard to warrant arrest.....	20

Warrants for arrest were issued upon the following samples:

NAMES.	DEFICIENCY		
	Fat.	Solids not fat.	Added substance.
Wm. Brew, 1990 Folsom St., (Restaurant).....	0.85	1.75	Water.
C. Wiedmann, O. K. Restaurant, 1832 Folsom St.....	0.4	0.15	.....
Simos & Trygonis, Atlas Cafe, 1096 McAllister St.....	1.0	1.75	Water.
* { J. Kennell, New Boss Dairy, 9 Mile House, San Bruno Road...	0.1	1.88	Water.
* { J. Kennell, New Boss Dairy, 9 Mile House, San Bruno Road...	.....	1.35	Water.
* { F. Marty, Mt. Hamilton Dairy, 901 Silver Ave.....	0.5	2.28	Water and coal tar color.
* { F. Marty, Mt. Hamilton Dairy, 901 Silver Ave.....	0.9	3.59	Water and coal tar color.
D. Colli & Co., Restaurant, 2285 Market St.....	1.0	.....	.....
Antone Vardas, Restaurant, 294 Noe St.....	1.0	0.09	.....
Mary Kubofcsik, Restaurant, 402 Church St.....	.....	0.92	Water.
P. Coronaros, Restaurant, 1679 O'Farrell St.....	.....	1.35	Water.
L. Vasilios, Restaurant, 1665 O'Farrell St.....	2.0	1.23	Water.
K. Nishitura, Restaurant, 1625 O'Farrell St.....	.....	0.68	Water.
* { F. Marty, Mt. Hamilton Dairy, 901 Silver Ave.....	.....	1.13	Water.
* { F. Marty, Mt. Hamilton Dairy, 901 Silver Ave.....	0.3	0.58	Water.
A. Thomas & Co., Millers.....	0.5	.....	.....
W. M. Imrie, Napa.....	.....	1.37	Water.
Wm. Condes', Condes' Cafe, 1035 Market St.....	.....	1.65	Water.
The Puritan Restaurant, 761 Market St.....	1.0	.....	.....
The Peacock Restaurant, 743 Market St.....	1.15	.....	.....
The Pot Roast Restaurant, 925 Market St.....	1.1	.....	.....
S. Miletich, Mission Cafe, 3005 Mission St.....	0.75	3.24	Water.
G. W. Leighton, The Ideal Dining Hall, 3180 Mission St.....	1.1	0.31	.....

*Two samples taken at the same time; one warrant for both samples.

Of the two samples of olive oil examined, one sample was found to be adulterated with cotton seed oil. The sample of tomato catsup examined was found to contain benzoic acid.

WATER.

Sanitary analysis was made of 19 samples of water collected as follows: From properties of the Spring Valley Water Company, 11 samples; from miscellaneous sources, 8 samples.

The tables of analytical results are given below:

CHEMICAL LABORATORY—Cont'd.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED.

(PARTS PER 1,000,000.)

LAB. No.	SOURCE	DATE 1908	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	HARDNESS			REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		Temporary	Permanent	Total	
421	University Mound Reservoir.	Sept. 15	Clear.	260	82	178	25	0.002	0.398	0.04	0.112	2	168	4	172	Sample taken from fore-bay, 8 ft. below surface.
422	Clarendon Heights Tank	Sept. 15	Clear.	262	94	168	24	0.001	0.325	0.026	0.110	2	169	8	177	Sample taken from tank, 4 ft. below surface.
423	North Lake Merced.	Sept. 15	Clear, with suspended matter.	293	111	182	66	0.0	0.096	0.036	0.242	4	140	3	143	Sample taken in center of lake 10 ft. below surface.
424	South Lake Merced.	Sept. 15	Clear, with suspended matter.	281	86	195	62	0.0	0.026	0.018	0.198	3	121	8	129	Sample taken from suction wharf, 10 ft below surface.
425	Lake Honda Reservoir.	Sept. 15	Clear, with suspended matter.	185	70	115	36	0.0	0.070	0.018	0.166	3	96	3	99	Sample taken from center of reservoir 10 ft. below surface.
426	College Hill Reservoir.	Sept. 15	Clear.	131	56	75	22	0.0	0.150	0.026	0.110	2	83	6	89	Sample taken from fore-bay, 10 ft. below surface.
427	Lombard Street Reservoir.	Sept. 16	Clear.	215	91	124	33	0.0	0.130	0.046	0.124	3	114	6	120	Sample taken 10 ft. below surface.
428	Presidio Heights Tank.	Sept. 16	Clear.	268	105	163	26	0.0	0.412	0.028	0.126	3	165	7	172	Sample taken from tank, 10 ft. below surface.
429	Clay Street Tank.	Sept. 16	Clear.	337	119	218	30	0.0	0.690	0.014	0.072	3	202	13	215	Sample taken from tank, 4 ft. below surface.
430	Francisco Street Reservoir.	Sept. 16	Clear.	258	103	155	28	0.0	0.108	0.024	0.152	3	147	8	155	Sample taken 3 ft. below surface.
431	Potrero Heights Reservoir.	Sept. 16	Clear.	264	105	159	26	0.0	0.064	0.024	0.202	4	166	9	175	Sample taken 10 ft. below surface.

SAMPLES OF WATER TAKEN FROM MISCELLANEOUS SOURCES.

(PARTS PER 1,000,000.)

415	Faucet at 1512 Howard street.	Sept. 4	Clear.	268	86	182	27	0.0	0.196	0.024	0.122	2	164	8	172	Tap water.
416	Faucet at 110 Walnut street.	Sept. 4	Clear.	266	91	175	27	0.0	0.380	0.016	0.092	2	165	11	176	Tap Water.
417	Dairy of B. Cassou, Wayland and Hamilton Sts.	Sept. 4	Clear.	463	217	246	50	0.0	21.12	0.016	0.044	1	57	115	172	Spring water. Spring on side hill one-half mile from premises.
418	County Line Water Co., Reiss Tract.	Sept. 4	Clear.	233	60	173	31	0.001	1.008	0.048	0.058	2	88	8	96	Sample taken from reservoir, fed by spring in side hill.
419	County Line Water Co., Reiss Tract.	Sept. 4	Turbid.	230	58	172	30	0.0	1.004	0.008	0.022	2	89	9	98	Sample taken from faucet coming from spring in tunnel.
420	Well at 561 Castro.	Sept. 15	Clear.	731	181	550	125	0.0	11.88	0.008	0.044	1	292	70	362	A dug well about 40 feet deep, cased with brick laid in cement.
432	Well at 221 Ripley St.	Sept. 22	Large amount of suspended matter.	516	250	266	69	0.010	14.05	0.022	0.094	7	113	59	172	A dug well about 24 feet deep, cased with wood. Casing rotten, cover faulty.
433	Reservoir of Rom. Cath. Orph. & Mt. St. Jos Infant Asylum.	Sept. 22	Large amount of suspended matter.	604	350	254	87	0.280	19.50	0.03	0.276	5	107	125	232	Sample taken directly from reservoir, 3 feet below surface.

RECORD OF ARRESTS MADE DURING MONTH

ARRESTED	NAME	ORDINANCE VIOLATED	COMPLAINANTS	JUDGES	DISPOSAL
Sept. 1	John Lee	Violating State Milk Law.....	Murphy.....	Weller.....	*Found guilty and fined \$25, Sept. 2nd.
" 1	Tony Sorpa	Violating State Milk Law.....	Murphy.....	Weller.....	Found guilty and fined \$25, Sept. 2nd.
" 4	M. L. Mudruga	Violating Ordinance 229.....	Murphy.....	Weller.....	Found guilty and fined \$25, Sept. 5th.
" 4	Ben Rosenberg	Violating Ordinance 369.....	Dr. Howard.....	.....	Pending.
" 10	Joseph J. Horn	Maintaining a Nuisance	Miller.....	.....	Pending.
" 15	Mrs. D. N. Edington ..	Violating State Milk Law.....	Lydon.....	.....	Pending.
" 16	Geo. M. Schneider....	Violating State Milk Law.....	Lydon.....	.....	Pending.
" 16	Perry Nangle.....	Violating State Milk Law.....	Lydon.....	.....	Pending.
" 16	John Anatsito	Violating State Milk Law.....	Lydon.....	.....	Pending.
" 16	Alix Brown	Violating State Milk Law.....	Murphy.....	C. T. Conlan.....	Found guilty and fined \$25, Sept. 17th.
" 18	Frank Carwich.....	Violating State Milk Law.....	Murphy.....	.....	Pending
" 24	Louis Levy.....	Maintaining a Nuisance.....	H. R. Murphy.....	.....	Pending
" 26	Kamuki Nishitura....	Violating State Milk Law.....	Lydon.....	.....	Pending
" 26	Carl Wiedman.....	Violating State Milk Law.....	Murphy.....	Weller.....	Found guilty and fined \$25, Sept. 28th.
" 26	Domenie Colli.....	Violating State Milk Law.....	Murphy.....	Weller.....	Found guilty and fined \$25, Sept. 28th.
" 26	Antone Vardas.....	Violating State Milk Law.....	Murphy.....	Weller.....	Found guilty and fined \$25, Sept. 28th.
" 26	Wm. Brew	Violating State Milk Law.....	Murphy.....	.....	Pending
" 29	Joseph Kennell.....	Violating State Milk Law.....	E. F. Murphy.....	.....	Pending
" 30	Apostolos Simon.....	Violating State Milk Law.....	T. R. Lydon.....	.....	Pending
" 30	Vietor Duhem	Maintaining a Nuisance	H. R. Murphy..	.....	Pending

SUMMARY.

Total number of arrests made.....	20	
Total number of convictions.....		7
Total number of dismissals.....		0
Total number pending		13
		20
Amount in fines.....	\$175.00	

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the Month of September, 1908

DATE.	BAROMETER.		TEMPERATURE.				DEW POINT.		RELATIVE HUMIDITY.		WIND.			RAINFALL IN	CHARACTER OF DAY.
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM		TOTAL DAILY MOTION.	INCHES.	
											VEL.	DIREC.			
1.....	30.06	29.95	70	50	20	60	52	51	97	80	27	W	266	0	Clear.
2.....	29.99	29.91	60	50	10	55	49	52	96	94	30	W	315	0	Part Cloudy.
3.....	29.98	29.97	61	52	9	56	51	53	98	88	28	W	296	0	Part Cloudy.
4.....	30.04	30.01	60	51	9	56	48	49	84	74	27	W	281	0	Clear.
5.....	30.00	29.93	61	50	11	56	50	51	97	88	29	W	318	0	Part Cloudy.
6.....	29.95	29.97	63	52	11	58	50	50	90	72	25	W	311	T	Part Cloudy.
7.....	30.01	29.98	64	54	10	59	50	52	86	73	21	W	250	0	Clear.
8.....	29.99	29.95	68	53	15	60	50	50	86	63	21	W	147	0	Clear.
9.....	30.00	29.93	87	57	30	72	54	42	86	26	12	NW	99	0	Clear.
10.....	29.95	30.05	69	59	10	64	49	52	55	69	23	SW	162	0	Cloudy.
11.....	30.06	30.00	85	55	30	70	53	54	81	68	20	SW	157	0	Clear.
12.....	30.07	30.01	60	52	8	56	52	52	91	88	27	W	313	0	Part Cloudy.
13.....	29.96	29.90	61	52	9	56	49	50	89	72	22	W	235	0	Part Cloudy.
14.....	29.87	29.83	59	52	7	56	51	52	94	82	26	SW	289	0	Part Cloudy.
15.....	29.84	29.81	60	52	8	56	52	51	96	80	26	SW	276	.05	Cloudy.
16.....	29.78	30.00	63	52	11	58	48	46	83	62	21	W	164	.05	Cloudy.
17.....	30.03	30.01	67	51	16	59	48	48	89	67	18	W	163	0	Clear.
18.....	29.93	29.87	65	51	14	58	46	54	83	85	22	W	220	0	Part Cloudy.
19.....	29.85	29.90	60	54	6	57	52	54	93	91	20	W	209	.01	Cloudy.
20.....	29.93	29.98	63	54	9	58	54	54	94	91	18	W	189	.02	Cloudy.
21.....	30.03	30.00	66	51	15	58	52	53	98	88	24	SW	205	0	Part Cloudy.
22.....	30.05	29.93	72	51	21	62	51	52	98	80	25	W	194	0	Part Cloudy.
23.....	29.94	29.78	71	54	17	62	54	53	87	88	19	W	162	T	Part Cloudy.
24.....	29.69	29.76	64	53	11	58	49	46	84	64	24	W	225	0	Clear.
25.....	29.96	30.01	64	52	12	58	49	43	82	50	18	W	158	0	Clear.
26.....	30.07	30.03	74	54	20	64	50	46	80	46	13	SW	101	0	Clear.
27.....	30.05	29.98	83	55	28	69	54	38	94	20	9	W	87	0	Clear.
28.....	29.97	29.91	85	58	27	72	46	38	61	30	17	W	95	0	Clear.
29.....	30.01	29.97	89	59	30	74	52	36	78	20	9	NW	96	0	Clear.
30.....	30.06	30.04	66	50	16	58	48	50	65	85	27	W	261	0	Part Cloudy.
31.....	.....	.....	..	..	..	..	..	..	..	..	..	....	...	..	.....
MEANS.....	29.971	29.946	68.0	53.0	15.0	60.5	50.4	49.1	86.5	69.5	21.6	W	6245 208.2 Hourly 8.7	.13	Clear.....13 Part Cloudy.....12 Cloudy.....5
															T—Trace

T—Trace

HEALTH DEPARTMENT

OF THE

City and County of San Francisco, California

Bulletin Published by the Board of Health for the Month of October, 1908

BOARD OF HEALTH

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R. G. BRODRICK, M. D., Health Officer.

W. C. HASSLER, M. D., Chief Sanitary Inspector.

ED. M. COFFEY, Statistician.

Deaths during Month of October, 1908.....	498
Less Deaths of children under one week of age.....	19
Non-residents.....	19
Deaths by violence.....	49 87 411
Population estimated at 425,000.....	Annual Death Rate per 1000 inhabitants, 11.60

DEATHS BY SEX		BY COLOR	
Males.....	308	White.....	471
Females.....	190	Chinese.....	12
		Japanese.....	8
		Black.....	7
BY SOCIAL CONDITION		BY NATIVITY	
Single.....	235	San Francisco.....	101
Married.....	163	Other parts of California.....	69
Widowed.....	70	Other States.....	81
Divorced.....	10	Foreign Countries.....	227
Unknown.....	20	Unknown.....	20

All births registered (not included in mortality tables): Males, 18; Females, 12. Total, 30.

BIRTHS REGISTERED*

TOTAL.	SEX.		RACE.				Twins (pairs).	Triplets.	NATIVITY OF PARENTS.										MIXED PARENTAGE.			
	Male.	Female.	White.	Chinese.	Japanese.	Black.			United States.	Germany.	Great Britain.	Ireland.	Italy.	China.	Japan.	France.	Scandinavia.	Other.	Unascertained.	Anglo-Sax.	Latin.	Other.
67	291	276	546	7	12	2	5	..	252	19	14	24	48	..	12	8	26	45	1	31	5	82

*Returns of Births incomplete.

Annual Birth Rate per 1,000 Inhabitants.....	15.96
Marriage licenses issued.....	363

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (International Classification.)		Deaths reported during month Oct. 1908	SEX.		AGE BY YEARS.												SOCIAL RELATION.			COLOR.			
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese..	Japanese.	African.	
DEATHS FROM ALL CAUSES.		498	308	190	82	23	105	9	13	53	63	76	58	59	62	235	163	100	471	12	8		
I. General Diseases		139	91	48	8	6	14	5	6	30	24	34	8	13	5	76	44	19	126	7	2		
II. Diseases of Nervous System		51	28	23	3	4	7	4	1	2	6	8	7	8	8	23	18	10	51				
III. Diseases of the Circulatory System		63	39	24					2	1	4	8	15	17	16	16	27	20	61	2			
IV. Diseases of the Respiratory System		54	36	18	14	9	23		1	2	2	4	8	5	9	31	11	12	51	2			
V. Diseases of the Digestive System		45	28	17	13		13			1	9	6	9	3	4	16	21	8	42	1	1		
VI. Diseases of the Genito-Urinary System		45	27	18	1		1		1	5	6	5	7	7	13	8	22	15	44				
VII. Childbirth		6		6							5	1					6		6				
VIII. Diseases of the Skin		1	1								1	1				1		1					
IX. Diseases of the Locomotor System																							
X. Malformations		4	1	3	4		4									4			4				
XI. Early Infancy		26	12	14	26		26									26			25		1		
XII. Old Age		6	4	2											6		1	5	6				
XIII. Violence		49	35	14	5	3	8		2	12	6	10	4	6	1	25	13	11	45		4		
XIV. Ill-Defined Diseases		9	6	3	8	1	9									9			9				
General Diseases																							
(a) Epidemic Diseases.																							
1. Typhoid Fever		10	7	3		2	2		1	4	1	2				8	1	1	9		1		
2. Typhus, Exanthematic																							
3. Fever, Recurrent																							
4. Fever, Intermittent and Malarial Cachexia		1	1								1							1					
5. Smallpox																							
6. Measles																							
7. Scarletina		2	1	1				1	1							2			2				
8. Whooping Cough		2	1	1	1		1	1								2			1				
9. Diphtheria		3	1	2	1	2	3									3			3				
9a. Croup																							
10. Influenza		1	1											1				1	1				
11. Miliary Fever																							
12. Cholera, Asiatic																							
13. Cholera, nostras		1		1		1	1									1			1				
14. Dysentery		3		3		1	1							2		1		2	3				
15. Pest (Plague)																							
16. Yellow Fever																							
17. Leprosy																							
18. Erysipelas		2	1	1	1		1				1					1	1		2				
19. Other Epidemic Diseases																							
(b) Other General Diseases																							
20. Purulent Infection and Septicæmia																							
21. Glanders and Farcy																							
22. Malignant Pustule and Charbon (Anthrax)																							
23. Rabies																							
24. Actinomycosis, Trichinosis, etc.																							
25. Pellagra																							
26. Tuberculosis of Larynx																							
27. Tuberculosis of Lungs		54	37	17				1	2	17	14	12	3	4	1	27	24	3	50	3	1		
28. Tuberculous Meningitis		2		2	1		1	1								2			2				
29. Tuberculosis, Abdominal																							
30. Pott's Disease		1	1							1						1			1				
31. Tuberculous Abscess																							
32. White Swelling		1	1						1							1			1				
33. Tuberculosis of Other Organs																							
34. Generalized Tuberculosis		2	2							1		1						2	2				
35. Scrofula																							
36. Syphilis		5	4	1	4		4					1				5			4	1			
37. Gonorrhea of the Adult																							
38. Gonorrheal Infections of Children																							
39. Cancer and Other Malignant Tumors of the Buccal Cavity		3	3							1		1		1			1	2	3				
40. Cancer and Other Malignant Tumors of the Stomach and Liver		9	8	1								5		3	1	5	3	1	8	1			
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum		4	2	2								2		2		1	2	1	4				
42. Cancer and Other Malignant Tumors of the Female Genital Organs		2		2							1		1				2		1	1			
43. Cancer and Other Malignant Tumors of the Breast		5		5							1	2	1		1		2	3	3				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (International Classification.)		Deaths reported during month, Oct., 1908.	SEX.		AGE BY YEARS										SOCIAL RELATION			COLOR.				
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
44.	Cancer and Other Malignant Tumors of the Skin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	5	4	1	.....	.....	.....	.....	.....	.....	1	2	1	.....	1	2	2	5	.....	.....	.....	.....
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
47.	Rheumatism, Acute, Articular.....	3	3	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	3	.....	.....	3	.....	.....	.....	.....
48.	Rheumatism, Chronic, and Gout.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50.	Diabetes.....	5	4	1	.....	.....	1	.....	1	.....	1	1	.....	1	3	2	.....	5	.....	.....	.....	.....
51.	Goitre, Exophthalmic.....	3	2	1	.....	.....	.....	.....	2	.....	1	.....	.....	.....	3	.....	.....	3	.....	.....	.....	.....
52.	Addison's Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53.	Leukæmia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54.	Anæmia, Chlorosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56.	Alcoholism, Acute and Chronic.....	8	5	3	.....	.....	.....	.....	.....	.....	1	3	3	1	.....	4	4	8	.....	.....	.....	.....
57.	Lead Poisoning.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
59.	Other Chronic Poisonings.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
II. Diseases of the Nervous System.																						
60.	Encephalitis.....	1	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
61.	Meningitis, Simple.....	3	2	1	1	2	.....	.....	.....	.....	1	.....	.....	.....	3	.....	.....	3	.....	.....	.....	.....
61a.	Meningitis, Epidemic Cerebro-spinal.....	7	5	2	1	1	2	1	.....	2	1	.....	.....	.....	5	2	.....	7	.....	.....	.....	.....
62.	Locomotor Ataxia, Progressive.....	3	3	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	2	1	3	.....	.....	.....	.....
63.	Other Diseases of the Spinal Cord.....	3	3	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	2	1	.....	3	.....	.....	.....	.....
64.	Apoplexy Cerebral.....	25	9	16	.....	.....	1	1	2	4	4	7	6	.....	6	12	7	25	.....	.....	.....	.....
65.	Cerebral Softening.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66.	Paralysis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67.	Paralysis, General, of Insane.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....
68.	Other forms of Mental Disease.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	1	.....	.....	.....	.....
69.	Epilepsy.....	2	.....	2	1	1	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....	.....
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71.	Convulsions of Children.....	1	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
72.	Tetanus.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73.	Chorea.....	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
74.	Other Diseases of the Nervous System.....	2	2	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	1	1	2	.....	.....	.....	.....
75.	Diseases of the Eye and Its Adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76.	Diseases of the Ear.....	1	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
III. Diseases of the Circulatory System.																						
77.	Pericarditis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78.	Endocarditis, Acute.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79.	Organic Diseases of the Heart.....	54	33	21	.....	.....	.....	2	1	2	8	13	15	13	15	23	16	52	2	.....	.....	.....
80.	Angina Pectoris.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	6	5	1	.....	.....	.....	.....	.....	1	.....	2	1	2	1	2	3	6	.....	.....	.....	.....
82.	Embolism and Thrombosis.....	2	.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....
83.	Diseases of the Veins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85.	Hemorrhages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV. Diseases of the Respiratory System.																						
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88.	Laryngitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89.	Diseases of the Thyreoid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
90.	Bronchitis, Acute.....	6	2	4	5	1	6	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	6	.....	.....	.....	.....
91.	Bronchitis, Chronic.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	1	3	.....	.....	.....	.....
92.	Broncho-Pneumonia.....	14	9	5	5	2	7	.....	.....	2	.....	.....	1	1	3	8	1	5	13	1	.....	.....
93.	Pneumonia.....	23	15	8	4	6	10	.....	.....	.....	1	2	5	2	3	12	6	5	22	.....	.....	.....
94.	Pleurisy.....	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
95.	Pulmonary Congestion and Apoplexy.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
96.	Gangrene of the Lung.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97.	Asthma.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....
98.	Pulmonary Emphysema.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (International Classification.)		Deaths reported during month Oct., 1908.	SEX.		AGE BY YEARS.											SOCIAL RELATION.			COLOR.			
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African
V. Diseases of the Digestive System.																						
100.	Diseases of the Mouth and its Adnexa....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
101.	Tonsillitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
101a	Diseases of Pharynx .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
102.	Diseases of the Esophagus .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
103.	Ulcer of the Stomach.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
104.	Gastritis.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....
104a	Other Diseases of the Stomach (Cancer excepted).....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
105.	Diarrhœa and Enteritis (under 2 years)...	12	10	2	12	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	11	.....	.....	1
105a	Diarrhœa and Enteritis, Chronic .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
106.	Diarrhœa and Enteritis (2 years & over)...	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	1	.....	.....
107.	Intestinal Parasites.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
108.	Hernia.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	.....
108a	Obstruction of Intestines	3	.....	3	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	.....	.....	.....
109.	Other Diseases of the Intestines.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
110.	Acute Yellow Atrophy of Liver.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
111.	Tumors, Hydatid, of the Liver.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
112.	Cirrhosis of the Liver.....	9	4	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
113.	Biliary Calculi.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
114.	Other Diseases of the Liver.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
115.	Diseases of the Spleen.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
116.	Peritonitis, Simple (Puerperal excepted) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
118.	Appendicitis and Abscess of the Iliac Fossa.....	8	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	5	1	.....	.....
VI. Diseases of the Genito-Urinary System.																						
119.	Nephritis, Acute.....	5	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
120.	Bright's Disease.....	34	22	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
121.	Other Diseases of the Kidneys.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
122.	Calculi of the Urinary Tract.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
123.	Diseases of the Bladder.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
124.	Diseases of the Urethra, Urinary Ab- cess, etc.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
125.	Diseases of the Prostate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
126.	Nonvenereal Diseases of the Male Genital Organs.....	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
127.	Metritis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
128.	Hemorrhage, Uterine (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
129.	Tumors, Uterine (noncancerous).....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
130.	Other Diseases of the Uterus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
131.	Ovarian Tumors and Cysts.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
132.	Diseases of Tubes.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
132a.	Other Diseases of the Female Genital Organs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
133.	Nonpuerperal Diseases of the Breast (Cancer excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
VII. Childbirth.																						
134.	Accidents of Pregnancy.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
135.	Hemorrhage, Puerperal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
136.	Other Accidents of Labor.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
137.	Puerperal Septicæmia	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
138.	Puerperal Albuminuria and Convulsions	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
139.	Phlegmasia Alba Dolens Puerperal. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
140.	Other Puerperal Accidents.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
141.	Puerperal Diseases of Breast.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
VIII. Diseases of the Skin.																						
142.	Gangrene.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
143.	Carbuncle.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
144.	Abscess.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
145.	Other Diseases of the Skin.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[illegible]

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS.

(Arranged according to Calendar Year.)

	1907 Oct.	Nov.	Dec.	1908 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
General Diseases.....	177	176	188	174	165	162	150	163	129	142	130	134
Diseases of Nervous System.....	45	44	56	43	55	64	37	57	50	31	45	42
of Circulatory System.....	74	80	93	97	82	106	67	84	73	61	62	62
of Respiratory System.....	52	48	84	117	86	83	52	64	52	47	47	42
of Digestive System.....	54	47	53	42	38	52	41	29	42	61	55	54
of Genito-Urinary System.....	36	39	44	52	37	43	46	31	30	37	48	35
Childbirth.....	4	.....	4	9	5	4	5	9	8	6..	4	2
Disease of the Skin.....	.....	1	1	1	1	1	2	4	1..	2	2	.....
of Locomotor System.....	.....	1	1	.....	1	.....	1	1	.....	5	.....	1
Malformations.....	2	4	2	2	3	4	1	5	3	8	3	3
Early Infancy.....	15	20	20	17	15	22	18	24	15	23	28	14
Old Age.....	14	10	9	18	6	7	5	9	7	4	7	6
Violence.....	50	38	67	53	57	60	47	61	61	54	54	42
Ill Defined Diseases.....	6	8	14	4	1	5	1	1	10	5	3	10
Total Deaths.....	529	516	636	629	552	613	473	542	481	486	488	447
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
Annual Death Rate per 1,000 inhabitants.....	14.88	14.52	17.88	17.76	15.48	17.28	13.32	15.24	13.56	13.68	13.68	12.60
Under 1 Year.....	67	76	75	53	51	68	51	68	61	93	72	64
1 to 5 Years.....	21	22	28	24	31	26	24	19	16	20	.....	16
5 to 70 Years.....	365	337	427	432	353	422	330	378	334	304	306	302
70 and Over.....	76	81	106	120	117	97	68	77	70	69	80	65
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
In Public and Private Institutions	227	195	229	242	203	215	172	224	216	203	203	178

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908.....	486	488	447	498	.....	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908.....	557	525	515	567	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire.

†Returns very incomplete.

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.										U. S. Institutions				En Route — In Bay — Public Parks, Etc.										At Place of Residence.
City and County Hospital.	Relief Home for Aged Infirm.	Central Emergency Hospital.	Harbor Emergency.	Potrero Emergency.	Park Ambulance Station.	Leper Hospital.	Smallpox Hospital.	Isolation Hospital.	Jails and Prisons.	Other Hospitals and Sanatoria.	U. S. Marine Hospital.	U. S. A. General Hospital. (Presidio)	On Presidio Reservation.	Yerba Buena Island. (U. S. Naval Station)	En Route to Hospital.	In Bay of San Francisco.	Pacific Ocean	On Ferry Boat. (Bay.)	On Board Ship. (Bay.)					
49	13	10	2		1					125	4		1	2	1	2			1					287

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.					
Calvary Rec. Vault	I. O. O. F. Cremations.	I. O. O. F. Rec. Vault.	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio.)	U. S. Marine Hospital. Yerba Buena Island.	Cypress Lawn (Interments.)	Cypress Lawn (Cremations.)	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Indigent).	San Mateo (Chinese.)	Servian.	Sunset. (Indigent.)	Woodlawn.	To Medical Colleges	Shipped to Outside Points.	TOTAL.	Indigent Dead.
65			2		1	3	68		1	10	6	167	2	23	1	72	16		12	1	44	4	23	57	578	60

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																					
Calvary.	City.	I. O. O. F. (bodies.)	I. O. O. F. (ashes.)	Laurel Hill.	Masonic.	Mission Dolores.	National. (Presidio.)	U. S. M. H.	Total.	Cypress Lawn.	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Chinese).	Sunset.	National. S. F.	Woodlawn.	I. O. O. F. for Cremation.	Laurel Hill S. F. (Ashes.)	Masonic S. F. (Ashes.)	To Home (Ashes.)	Cal. Interior (Bodies).	Cal. Interior (Ashes).	Other States.	Total.
31	18	8	28	19	7				111	13	2	2		27	1	23		12	2				5	1		3	7		5	8	111

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED	NO.	FEES COLLECTED	
Bath House.	Laundry.	Cigar Factory.	Milk.	Master Plumbers' Licensea.	Manure Wagons.	Vegetable and Manure Wagons.	Swill Wagons.	Scavenger Wagons.	Approvals for Locations of Stables.	School Attendance.	Vaccination Certificates.				
												Certified Copies Birth (at 75c. each)	28	\$21.00	
												Same—For Pension Purposes, Etc.....		No Fee Charged	
												Certified Copies Death (at 75c. each).....	55	41.25	
												Same—For Pension Purposes, Etc.....	2	No Fee Charged	
												Permits for Removal of Bodies and Ashes.	110	No Fee Charged	
												Same—(at \$10 each).....	1	\$10.00	
1	1	1	11	10	2	2		1	9	90	19	Total.....	196	\$72.25	

Total, 147

Total of all permits, etc., issued, 343.

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

	SALARIES.	MAINTENANCE	TOTAL
Central Office.....	\$5692.50	\$ 801.74	\$ 6494.24
City and County Hospital.....	3266.80	5250.82	8517.62
Same—For Care of City Patients in Private Hospitals (Bed Days) 2385		3410.56	3410.56
Relief Home Aged and Infirm.....	8396.81	5403.35	13800.16
Emergency Hospitals.....	3420.00	875.05	4295.05
Isolation Hospitals—Smallpox Department	275.00	210.28	485.28
Leper Department	435.00	397.94	832.94
Grand Totals.....	\$21486.11	16349.74	37835.85

Special Sanitation.. \$1195.25

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Sept.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	TOTAL	Remaining in Hospital October 31.	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	7	880	887	488	205	62	35	8	73	1	10	882	5	.....	.....	.....	.....	.....	.....
Harbor.....	.....	411	411	389	.....	.....	9	2	9	.....	2	411	.....	.....	.....	.....	.....	.....	.....
Potrero.....	.....	207	207	186	.....	.....	2	.....	19	.....	.....	207	.....	.....	.....	.....	.....	.....	.....
Park Ambulance Station.....	.....	66	66	45	.....	.....	.....	.....	20	.....	1	66	.....	.....	.....	.....	.....	.....	.....
Insane Detention.....	.....	50	50	17	3	.....	3	.....	.....	.....	.....	47	3	.....	.....	.....	12	6	6
Totals.....	7	1614	1621	1125	208	62	49	10	121	1	13	1613	8	.....	.....	.....	12	6	6

City and County Hospital

WM. R. DORR, M. D., WARDEN.

Remaining in Hospital from Sept.	Examined for Admission.	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Remaining in Hospital October 31	Average Number Patients During Month	
327	252	..	252	..	579	75	49	8	5	4	1	1	1	18	18	49	229	350	339.7	97

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Remaining in Home from Sept.	Admitted	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.					
			At Own Request.	For Cause.	Left Without Permission.	Overstayd Pass.	Sent to City and County Hospital.	Sent before Insanity Com.	Died.	TOTAL	Remaining in Home October 31	Medical Cases Treated	Electric Treatments	Surgical Cases treated.	Surgical Dressings	Prescriptions Compounded
1203	88	1291	27	..	1	6	3	..	13	50	1241	679	138	207	287	830

ISOLATION HOSPITALS.

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department	Leper Department	Plague Department
No. Remaining Sept. 30....	2	15	..
No. admitted.....	24	..	..
No. discharged.....	..	12	..
No. of deaths.....	..	..	..
No. remaining Oct 31.....	..	14	15
No. diagnostic visits.....	53	..	..
No. necropsies performed...	..	..	1

REPORT OF CITY PHYSICIAN.

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	114
Visits to patients.....	66
Sent to City and County hospital.....	33
Visits to jails.....	18
Patients in jail.....	295
Visits to prisons.....	15
Patients in prison.....	101
No. of vaccinations (in jail).....	145
Special visits.....	5
Hospitals inspected.....	7

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations Performed
G. D. Culver, M.D.....	..	..	..	..	..	..	..	..	..	117	46	163	8	5	30	42	3	18	12	4	2	13	3	145	46
H. L. Curtis, M.D.	..	..	..	..	..	..	..	..	..	123	190	313	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	4	36	40	30	2	2	6	40	36	100	80	216	11	10	..	40	4	10	15	30	2	3	5	131	30
F. C. Muller, M.D.....	..	1	1	1	..	..	..	1	1	1	..	..	17	41	4	49	..	41	13	3	9	6	4	192	8
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	4	37	41	31	2	2	6	41	37	341	316	692	36	56	34	131	7	69	40	37	13	22	12	468	84

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily.

*Glanders 8
Erysipelas 3

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED					
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis	Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
29	28	34	55	..	6	..	12	3	167	349	539700	4066	1751	672	45	

I. L. David, Thos. Kane, Disinfectors.

DIVISION OF FOOD INSPECTION

INSPECTORS.	Total	Candy Factories and Stores.	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
F. P. Lydon	476			459		17									
E. F. Murphy	303		4	2		235		57	3		2				
Totals	779		4	461		252		57	3		2				

Condemnations and Seizures

Fruits.	Vegetables and Cereals.	Canned and Bottled Goods. Dried Fruits.	Meats and Fish.	Poultry and Game	Miscellaneous.
Pears 71 Boxes			Veal 160 lbs		
Peaches 27 "					
Nutmeg Melons 43 "					

Nuisance complaints referred to Sanitary Division	Samples taken for Chemist	Samples seized 43	Nuisance complaints referred to Plumbing Division	Nuisances abated by written notice 4
Notices served			" " " verbal " 49	

DIVISION OF DAIRY INSPECTION

INSPECTORS.	INSPECTIONS MADE.									ARRESTS MADE						
	No. of Dairies Inspected	No. of Dairy Depots Inspected	TOTAL INSPECTIONS.	No. of Cows Inspected	No. Placed Under Quarantine	No. Con- demned and Killed.	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
V. E. Lendrum	54	113	167	3735	2	3	1	92	10	1	1	1	1	1	1	1
E. B. O'Connor	42	157	199	2753	2	2		55	10	1	1	1	1	1	1	1
Totals	96	270	366	6488	4	5	1	147	10	1	1	1	1	1	1	1

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								*ARRESTS MADE						
		Milk Wagons.	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
V. E. Lendrum	75	8	5	62												
F. P. Lydon	45	30				15				4	1	5	3	\$ 75		12
E. F. Murphy	43	33					10			7	7	14	3	100	1	10
E. B. O'Connor	115	9	5	100					1		1	1	1	50		
Total	278	80	10	162		15	10		1	11	9	20	7	\$225	1	12

*See under Record of Arrests Made, page 17.

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots.	Commission Houses.	Chinatown	Total	Fish (lbs.)	Beef.	Calves.	Hogs.	Sheep.	Lambs.	Poultry.
John Brown.....	...	205	209	46	46	249	755	142000	600	1500	2000	1000	2000	72000
S. J. Campbell.....	54	678	....	14	85	....	781	235000	8340	1775	2240	2340	2560	146300
W. H. Jordan.....	390	...	....	..	....	....	390	....	5243	1224	6718	9302	17280	....
T. McEnroe.....	...	221	324	50	....	316	911	500000	602	1650	1120	1000	2240	56650
John Regan.....	520	...	...	..	....	...	520	....	5243	1224	11118	12262	19886	....
Totals	964	1054	533	110	131	565	3357	877000	14028	7373	23196	25904	43966	274950

Condemnations and Seizures

INSPECTOR.	Fish (lbs.)	Beef (lbs.)	Calves.	Sheep.	Lambs	Hogs.	Chicken.	Other Poultry.	Corned Beef (lbs.)	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	4000	250	.....	.....	.....	.....	664	14	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	7000	66	.....	.....	.....	173	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	6100	60	56	33	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	2800	.....	4	.....	.....	.....	537	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan.....	.....	4200	61	56	4	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	6800	17550	191	112	37	39	1374	14	.....	.....	.....	.....	.....	.....	.....	.....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beefes	Calves	Sheep	Lambs	Hogs
Butchertown	8343	2624	15162	23886	11118
Supplied from Outside of City..	4540	5308	4589	6377	2993
Totals.....	12883	7932	19751	30263	14111

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated.	Nuisances Abated	Nuisances Unabated
Bakeries.....	143	129	14	2	7	4	11	1	6	..
Bath Houses.....	8	8	..	..	..	..	..	..	..	..
Laundries.....	117	89	28	..	13	6	28	9	13	..
Garment and Shoe Factories.....	6	6	..	..	..	..	..	..	..	..
Cigar Factories.....	14	13	1	..	1	..	2	..	2	..
Restaurants.....	83	74	9	..	9	..	4	..	4	..
Meat Markets.....	11	11	..	..	..	..	..	..	..	..
Candy Factories.....	15	15	2	..	..	..	..	..	..	..
Miscellaneous.....	4	2	..	..	..	..	4	2	2	..
Stables.....	5	5	..	..	..	..	..	..	..	..
Totals.....	406	352	54	2	30	10	49	12	27	..

*Note—5 Scavenger and Manure Wagons also inspected.

HY. D. MILLER, Inspector.

DIVISION OF PLUMBING INSPECTION

Name of Inspector	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell (Chief).....	189	92	6	287	189	15120	3780	189	1	6	7	..	1	1	..	..	1	1	1
W. D. Hobro, Jr.....	212	38	45	295	212	16960	8280	38	20	16	36	15	20	35	29	..	6	20	44
H. R. Murphy.....	67	21	41	129	67	1050	1680	21	67	80	147	61	40	101	63	..	19	67	110
P. Mulligan.....	202	105	45	352	202	9000	1500	105	37	60	97	17	37	54	34	3	10	45	80
J. Robertson.....	152	94	11	257	152	12160	7600	94	14	32	46	10	14	24	18	19	3	14	14
J. E. Sweeney.....	138	68	6	212	138	11040	5520	60	32	20	52	12	32	44	35	..	9	32	52
Totals.....	960	418	154	1532	960	65330	28360	507	171	214	385	115	144	259	179	22	10	48	301

New Fixtures Installed in Old Buildings.

Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
110	56	43	63	35	7	32	5	25	1

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
4	1	5	..	..	2	3

Number of Plans submitted.....234
 Number of Buildings represented...253
 Permits granted for repair work.....85

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condemned by taking up under New Ordinance	Total		
Dwellings.....	21	..	21	71	18	3	92	32	2	3	34	18	40
Stables.....	37	4	41	132	33	9	174	32	10	..	45	47	82
Miscellaneous.....	10	2	12	30	10	3	43	13	1	..	14	6	23
Total.....	68	6	74	233	61	15	309	77	13	3	93	71	145

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector.

JOSIE GRAHAM, EDITH FLYNN, KATHERINE SHAIN, KATHERINE WYNNE, (Graduate Nurses), Assistants.

Report on 15 Schools enrolling 6733 pupils.

VISITS MADE AND CHILDREN EXCLUDED.

No. visits to Schools.....171
No. visits to homes.....395

TOTAL VISITS.....566

110 children excluded on account of following named diseases:

Diphtheria.....	1	Mumps.....	8
Scarlet Fever.....	2	Acute Tonsillitis.....	12
Smallpox.....	17	Contagious Skin Diseases.....	20
Chicken Pox.....	6	Pediculosis.....	15
Measles.....	22	Miscellaneous.....	7

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	130	No. cases treated by operation.....	16
“ “ requiring medical attention.....	171	“ “ “ without operation.....	15
“ “ poorly nourished.....	8	“ “ “ by nurses in schools.....	210
“ “ affected with pediculosis.....	122		

TOTAL..... 241

VACCINATION REPORT.

Number found to be not vaccinated1478
Of this number 729 have been vaccinated (or 49.4)

Number excluded on account of non-vaccination.....60

NOTE.—Garfield Primary School closed on account of Smallpox.
17 School Cases. 15 Contact Cases.

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist.

EXAMINATIONS MADE.	POSITIVE.	NEGATIVE.	NO GROWTH.	TOTALS.
Diphtheria.....	40	55	1	96
Sputum (for Tuberculosis).....	7	13	..	20
Sputum (for Pneumonia).....	1	..	..	1
Diazo Reactions.....	..	..	..	..
Widal Reactions.....	4	15	..	19
Water.....	..	..	..	6
Other Examinations.....	..	..	..	97
Milk.....	..	..	..	35
Disinfectants.....	..	..	..	18
Total Examinations.....	52	83	1	292

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist.

SAMPLE.	SUBMITTED BY	NAME OF CASE.	RESULT.
Stomach.....	Coroner.....	John Beattie.....	No poison present.
Stomach.....	Coroner.....	Henry Petzold.....	No poison present.
Stomach.....	Coroner.....	Matheu Trillman.....	No poison present.
Stomach.....	Coroner.....	Nicholas Ness.....	No poison present.
Stomach.....	Coroner.....	Bert Haverly.....	No poison present.
Stomach.....	Coroner.....	Henrietta James.....	No poison present.
Stomach.....	Coroner.....	C. C. Spink.....	No poison present.
Stomach.....	Coroner.....	E. Ciardella.....	No poison present.
Stomach.....	Coroner.....	Mrs. Larsen.....	No poison present.
Stomach.....	Coroner.....	W. A. Short.....	No poison present.
Stomach.....	Coroner.....	Annie Kopfmann.....	No poison present.
Stomach.....	Coroner.....	Thos. Harrison.....	Strychnine present.
Stomach.....	Coroner.....	Frank McLeod.....	No poison present.
Stomach.....	Coroner.....	Unknown man.....	No poison present.
Stomach.....	Coroner.....	Anna Johanson.....	No poison present.
Stomach.....	Coroner.....	Theo. Baganski.....	Strychnine present.
Blood.....	Coroner.....	Robt. Scheel.....	Carbon Monoxide.
Stomach and urine.....	Coroner.....	Geo. Bradwolf.....	No poison present.
Stomach and blood.....	Coroner.....	Gustave Haakanson.....	No poison present.
Milks 6.....	Board of Health.....		Reported.

Total number of samples analyzed during month, 25

CHEMICAL LABORATORY

C. W. BEAVER,
Chemist.

C. F. HOYT,
R. A. JONES,
Asst. Chemists

The work of the Chemical Laboratory for the month of October consisted of the analysis of 288 samples of milk; 35 samples of water, 1 sample of syrup, 1 sample of olive oil and 1 sample of baking powder. Total number of analyses, 326.

MILK

Samples from shippers.....	161; below standard.....	5
Samples from retailers.....	90; below standard.....	9
Samples taken from restaurants.....	25; below standard.....	10
Samples from Public Institutions.....	10; below standard.....	2
Samples submitted by individuals.....	2; below standard.....	1
Total number of samples analyzed.....	288; Total number below standard.....	27

(3 % milk fat; 8.5 % solids not fat.)

Percentage below standard..... 9.37

Samples sufficiently below standard to warrant arrest 17

Warrants for arrest were issued upon the following samples

NAMES.	Milk fats.	DEFICIENCY Solids, not fat.	Added substance.
J. Lauberge, 7 Mile House, Mission Road, Fairmont Ranch.....	....	0.63	Water.
O. Crooke, Mgr. Guadalupe Dairy Co., 1814 San Bruno Ave.....	0.7	....	....
J. Sarthou, 2924 Railroad Ave., Bay View Ranch.....	0.05	1.10	Water.
I. Elberg, 241 Kearney St., Restaurant.....	....	0.53	Water.
C. Toft, 450 Kearney St., Restaurant.....	0.3	1.3	Water.
C. Katsenosta, 10½ 8th St., Restaurant.....	0.8	0.9	Water.
J. Mondott, Woolsey & University Sts., University Ranch.....	....	0.74	Water.
N. Xigas, 504 Kearney St., National Restaurant.....	0.2	0.6	Water.
M. Strugar, 430 Kearney St., Mary's Little Lamb Restaurant.....	....	0.87	Water.
Commercial Bakery & Lunch, Inc., 612 Kearney St.....	0.8	....	....
K. Maroues, 851 Kearney St., Kearney St. Chop House.....	1.2	....	....
F. Gantner, 609 Pacific St., Dalmation Cafe.....	....	1.32	Water.
H. Lapachett, 6 Mile House, San Bruno Road.....	....	1.75	Water.
E. Caden, 2232 Mission St., The Shamrock Restaurant.....	0.7	....	....
C. J. Andersen, 2062 Mission St., Restaurant.....	0.2	0.69	Water.
M. Smith, Ignacio.....	....	0.46	Water.
J. M. Souza, Vallejo.....	0.4	0.66	Water.

COURT WORK

Cases in court (Milk cases).....	21
Cases carried over.....	13
Total amount of fines.....	\$225.00

Convictions.....	7
Dismissals.....	1
Average fine.....	\$32.15

WATER

Sanitary analysis was made of 35 samples of water collected as follows: From properties of the Spring Valley Water Company, 21 samples; from miscellaneous sources, 14 samples.

The tables of analytical results are given below on the following pages.

CHEMICAL LABORATORY—Cont'd.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED.

(PARTS PER 1,000,000.)

LAB. No.	SOURCE	DATE 1908	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	HARDNESS			REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		Temporary	Permanent	Total	
The average of the analyses of 78 samples of water taken from the City distributing reservoirs at intervals of one month during the year, 1907-08..				265	88	177	27	0.0004	0.318	0.028	0.123	3	147	9	156	
434	Clarendon Heights Tank	Oct. 1	Clear.	257	85	172	25	0.002	0.162	0.014	0.108	3	164	10	174	Sample taken 6 ft. below surface.
435	Potrero Heights Reservoir.	Oct. 1	Clear.	270	92	178	26	0.0	0.034	0.010	0.172	4	165	7	172	Sample taken from fore-bay, 4 ft. below surface.
436	College Hill Reservoir.	Oct. 1	Clear.	147	57	90	22	0.0	0.076	0.012	0.114	4	83	5	88	Sample taken from fore-bay, 6 ft. below surface.
437	Lake Honda Reservoir.	Oct. 1	Turbid.	226	97	129	36	0.0	0.018	0.158	1.064	4	100	4	104	Sample taken from fore-bay, 6 ft. below surface. Sample full of dirt.
438	North Lake Mereed.	Oct. 1	Turbid.	306	103	203	66	0.0	0.120	0.012	0.288	5	142	5	147	Sample taken from center of Lake, 6 ft. below surface.
439	South Lake Mereed.	Oct. 1	Clear, with suspended matter.	285	81	204	63	0.0	0.068	0.020	0.256	4	122	7	129	Sample taken from center of Lake, 6 ft. below surface.
440	University Mound Reservoir.	Oct. 1	Clear.	268	93	175	26	0.008	0.296	0.012	0.102	3	162	16	178	Sample taken from fore-bay, 6 ft. below surface.
441	Presidio Heights Tank.	Oct. 1	Clear.	269	96	173	27	0.0	0.426	0.014	0.104	3	157	3	160	Sample taken 6 ft. below surface.
442	Lombard St. Reservoir.	Oct. 1	Clear.	227	72	155	34	0.0	0.120	0.012	0.116	3	112	6	118	Sample taken from fore-bay, 6 ft. below surface.
443	Clay St. Tank.	Oct. 1	Clear.	341	101	240	31	0.0	0.744	0.004	0.048	2	201	14	215	Sample taken 6 ft. below surface.
458	South Lake Mereed.	Oct. 15	Clear, with suspended matter.	283	70	213	62	0.0	0.074	0.058	0.138	4	124	4	128	Sample taken from center of Lake, 4 ft. below surface.
459	Clarendon Heights Tank	Oct. 15	Clear.	253	78	175	25	0.0	0.274	0.034	0.046	3	159	4	163	Sample taken 6 ft. below surface.
460	Lake Honda Reservoir.	Oct. 15	Clear.	196	58	138	37	0.0	0.080	0.052	0.078	3	97	1	98	Sample taken from center of Reservoir, 6 ft. below surface.
461	University Mound Reservoir.	Oct.; 15	Clear.	259	72	187	25	0.001	0.248	0.016	0.066	3	161	8	169	Sample taken from fore-bay, 4 ft. below surface.
462	North Lake Mereed.	Oct. 15	Turbid.	311	76	235	66	0.0	0.064	0.068	0.152	5	140	4	144	Sample taken from center of Lake, 4 ft. below surface.
463	College Hill Reservoir.	Oct. 15	Clear.	154	55	99	22	0.0	0.066	0.022	0.044	3	82	1	83	Sample taken from fore-bay, 4 ft. below surface.
464	Potrero Heights Reservoir.	Oct. 15	Clear.	257	75	182	26	0.0	0.044	0.044	0.180	3	158	5	163	Sample taken from fore-bay, 4 ft. below surface.
465	Francisco St. Reservoir.	Oct. 16	Clear.	253	69	184	27	0.0	0.016	0.028	0.158	4	151	4	155	Sample taken from center of Reservoir, 2 ft. below surface.
466	Lombard St. Reservoir.	Oct. 16	Clear.	212	65	147	33	0.0	0.148	0.028	0.152	4	114	5	119	Sample taken from fore-bay, 4 ft. below surface.
467	Presidio Heights Tank.	Oct. 16	Clear.	258	71	187	27	0.0	0.314	0.038	0.116	3	155	7	162	Sample taken 6 ft. below surface.
468	Clay St. Tank.	Oct. 16	Clear.	335	71	264	31	0.0	0.656	0.004	0.074	3	199	12	211	Sample taken 4 ft. below surface.

CHEMICAL LABORATORY—Cont'd.

WATER

SAMPLES OF WATER TAKEN FROM MISCELLANEOUS SOURCES.

(PARTS PER 1,000,000.)

Laboratory No.	SOURCE	DATE 1908	Clear or Turbid	Total Solids	Loss on Ignition	Residue	Chlorine	NITROGEN AS				Oxygen Consumed	HARDNESS			REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		Temporary	Permanent	Total	
444	Property of G. & G. B. Risso, Mission St. & Silver Ave.	Oct. 6	Turbid.	739	272	467	115	1.875	18.70	3.844	1.54	27	209	98	307	Sample from sump supplied by Islais Creek. Water used for irrigating vegetable gardens.
445	Property of M. Dundero	Oct. 6	Turbid.	907	290	617	130	1.125	30.80	1.184	1.592	26	147	188	335	Sample from a sump in a branch of Islais Creek. Water used for irrigating vegetable gardens.
446	Property of J. Restani, San Jose Ave.	Oct. 6	Turbid.	1023	390	633	139	0.0	5.5	8.85	8.57	111	385	4	389	Sample from a dug well 10 ft. deep, situated 100 ft. from Islais Creek. Water used for irrigating vegetable garden.
447	Property of Lui Bafico, San Jose Ave.	Oct. 6	Clear.	1078	365	713	160	0.014	63.8	0.128	0.286	4	84	329	413	Sample from drilled well 100 ft. deep, cased with galvanized iron. Water used for household purposes and for irrigation.
448	Property of L. Gotelli, San Jose Ave.	Oct. 6	Turbid.	1205	510	695	178	0.06	60.5	0.092	0.548	15	113	334	447	Water from a dug well 35 ft. deep, cased with wood, well situated in center of garden. Water used for household purposes and for irrigating.
449	Property of J. Garabaldi San Jose Ave.	Oct. 6	Clear.	710	285	425	90	0.0	36.3	0.02	0.074	1	85	232	317	Sample from a drilled well 75 ft. deep, cased with iron. Well 25 ft. from Islais Creek. Water used for irrigating and for household purposes.
450	Property of A. Garabaldi San Jose Ave.	Oct. 6	Clear.	619	260	359	88	0.002	30.8	0.028	0.058	1	93	177	270	Sample from drilled well 150 ft. deep cased with galvanized iron. Water used for household purposes and for irrigating.
451	Property of John Paoli, 204 Alamany St.	Oct. 7	Clear, with suspended matter.	783	238	545	100	0.160	29.7	0.236	0.36	7	79	209	288	Sample from an open well 20 ft. deep. Well in center of garden. Water used for irrigating only.
452	Property of Frank Demartini, Alamany & Bower Sts.	Oct. 7	Clear.	626	163	463	95	0.004	27.5	0.042	0.088	2	103	209	312	Sample from a drilled well 175 ft. deep cased with iron. Well 25 ft. from Islais Creek. Water used for household purposes and for irrigating.
453	At property of G. Garabaldi, from Islais Creek	Oct. 7	Turbid.	755	379	376	122	0.005	8.8	5.09	5.33	64	.....	.....	.....	Sample taken from Islais Creek. Sample contained much sediment and had a vile sickening odor. Used for irrigating only.
454	Property of G. Trisconia 66 Bower St.	Oct. 7	Turbid.	1177	460	717	123	2.0	25.3	1.06	2.88	37	162	223	385	Sample from an open well 10 ft. deep supplied from Islais Creek. Water used for irrigation only.
455	Property of Frank Armenio, Geneva Ave.	Oct. 7	Clear.	598	206	392	86	0.001	30.8	0.03	0.074	1	56	184	240	Sample from a drilled well 80 ft. deep, cased with iron. Well in garden. Used for household purposes and for irrigating.
456	Property of Wm. Varni, Huron & Geneva Aves.	Oct. 7	Clear.	590	201	389	82	0.005	38.5	0.025	0.068	1	47	187	234	Sample taken from an open well 14 ft. deep in center of garden. Water used for household purposes and for irrigation.
457	Property of G. Varni, 101 Geneva Ave.	Oct. 7	Clear.	435	127	308	66	0.001	20.9	0.016	0.028	1	54	116	170	Sample from a flowing well 90 ft. deep cased with galvanized iron. Well 40 ft. from Islais Creek. Water used for household purposes and for irrigation.

RECORD OF ARRESTS MADE DURING MONTH

ARRESTED.	NAME.	ORDINANCE VIOLATED.	COMPLAINANTS.	JUDGES.	DISPOSAL.
October 1	Sylvain La Bruchaier..	Violating ordinance 1036.....	Lendrum.....	Conlan.....	Case dismissed.
" 1	Jack Main.....	Maintaining a nuisance.....	H. Murphy.....	Conlan.....	Pending.
" 1	Wm. Condes.....	Violating State Milk Law.....	E. F. Murphy.....	Weller.....	Found guilty and fined \$25.
" 2	Granville Leighton....	Violating State Milk Law.....	E. F. Murphy.....	Weller.....	Pending.
" 2	Steve Miletich.....	Violating State Milk Law.....	E. F. Murphy.....	Weller.....	Pending.
" 2	Peter Bertelsen.....	Violating State Milk Law.....	E. F. Murphy.....	Weller.....	Pending.
" 8	Victor Moreggie.....	Violating ordinance 416.....	E. F. Murphy.....	Weller.....	Reprimanded. Case dismissed.
" 14	Samuel Rogers.....	Battery.....	W. F. Buttle.....	Conlan.....	Case dismissed.
" 19	Frank Galli.....	Violating ordinance 416.....	Murphy.....	Weller.....	Reprimanded. Case dismissed.
" 19	D. F. Jiffre.....	Violating ordinance 416.....	Murphy.....	Weller.....	Reprimanded. Case dismissed.
" 19	Jos. Degenitto.....	Violating ordinance 416.....	Murphy.....	Weller.....	Reprimanded. Case dismissed.
" 19	Mitchel Semrak.....	Violating ordinance 416.....	Murphy.....	Weller.....	Reprimanded. Case dismissed.
" 19	Jacques Sarthou.....	Violating State Milk Law.....	Murphy.....	Conlan.....	Pending.
" 19	Chris Vasilos.....	Violating State Milk Law.....	Lydon.....	Conlan.....	Forfeited \$25 bail.
" 19	Jos. Lauberge.....	Violating State Milk Law.....	Murphy.....	Conlan.....	Found guilty and fined \$50.
" 20	Oliver Crook.....	Violating State Milk Law.....	Murphy.....	Conlan.....	Pending.
" 20	J. Smith.....	Violating ordinance 229.....	O'Connor.....	Conlan.....	Found guilty and fined \$50.

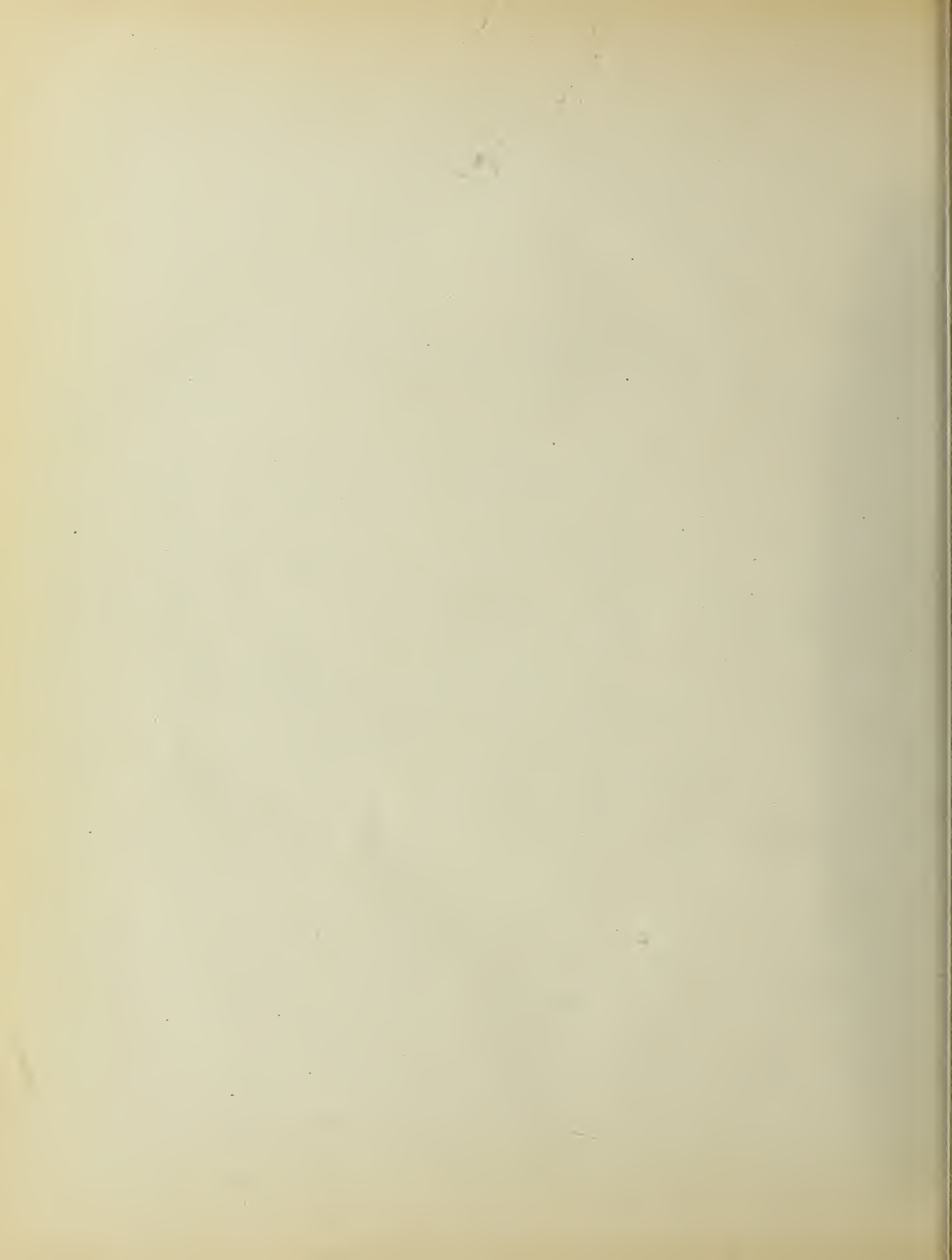
SUMMARY.

Total number of arrests made.....	17	
Total number of convictions.....		4
Total number of dismissals.....		7
Total number of cases pending.....		6
		17
Amount in fines.....	\$150.00	

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the Month of October, 1908

DATE.	BAROMETER.		TEMPERATURE.				DEW POINT.		RELATIVE HUMIDITY.		WIND.			RAINFALL IN	CHARACTER OF DAY.
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION.	INCHES.	
1.....	30.03	29.86	59	50	9	54	49	52	95	85	26	W	282	0	Part Cloudy.
2.....	29.79	29.71	68	55	13	62	37	52	49	69	19	NW	241	0	Clear.
3.....	29.82	29.93	68	52	16	60	40	43	55	53	17	W	163	0	Clear.
4.....	30.06	30.10	61	48	13	54	47	48	90	84	20	W	246	0	Clear.
5.....	30.14	30.03	68	48	20	58	46	48	91	67	16	SW	164	0	Clear.
6.....	30.03	29.91	80	48	32	64	51	45	94	32	10	NW	96	0	Clear.
7.....	29.95	29.94	81	52	29	66	52	50	77	59	22	SW	210	0	Clear.
8.....	30.09	30.11	61	51	10	56	48	47	88	71	19	W	260	0	Clear.
9.....	30.18	30.11	66	52	14	59	50	51	91	77	19	W	201	0	Part Cloudy.
10.....	30.11	30.06	62	52	10	57	52	54	98	83	16	W	148	0	Part Cloudy.
11.....	29.98	29.98	62	53	9	58	55	54	93	85	16	W	159	.05	Cloudy.
12.....	30.03	30.10	54	51	3	52	52	50	97	94	19	W	200	0	Cloudy.
13.....	30.15	30.11	65	52	13	58	50	51	90	88	16	NW	170	0	Part Cloudy.
14.....	30.06	29.92	62	55	7	58	55	59	93	94	31	SW	274	.31	Cloudy.
15.....	29.87	29.90	62	54	8	58	56	52	99	85	14	NW	206	.13	Cloudy.
16.....	29.93	29.93	61	51	10	56	48	44	83	65	14	NW	128	0	Part Cloudy.
17.....	29.96	29.93	64	51	13	58	39	31	59	29	19	NE	181	0	Clear.
18.....	30.01	30.06	68	52	16	60	29	45	32	58	32	NE	273	0	Clear.
19.....	30.10	30.05	62	51	11	56	46	46	77	60	19	SW	194	.04	Cloudy.
20.....	30.10	30.01	63	50	13	56	35	44	55	57	16	NW	157	0	Clear.
21.....	30.06	30.04	65	52	13	58	27	30	37	26	30	NE	213	0	Clear.
22.....	30.12	30.11	70	50	20	60	39	47	64	48	10	NW	111	0	Clear.
23.....	30.11	30.01	73	51	22	62	37	37	55	32	8	NE	97	0	Clear.
24.....	30.02	29.94	79	52	27	66	46	39	76	26	7	NE	75	0	Clear.
25.....	29.90	29.94	82	56	26	69	43	36	60	23	9	W	77	0	Clear.
26.....	29.97	29.97	74	49	25	62	48	39	73	43	21	W	145	0	Clear.
27.....	30.03	30.00	64	47	17	56	45	46	83	76	21	W	204	0	Part Cloudy.
28.....	30.03	30.03	61	47	14	54	47	51	96	77	11	SW	118	0	Cloudy.
29.....	30.04	30.01	63	52	11	58	50	53	88	78	18	SW	186	.08	Cloudy.
30.....	10.10	30.13	62	52	10	57	55	52	93	94	13	W	165	T	Cloudy.
31.....	30.14	30.11	66	51	15	58	50	50	94	65	7	NW	73	0	Cloudy.
MEANS.....	30.032	30.001	66.3	51.2	15.1	58.7	53.5	61.0	78.2	64.0	17.3	W	5417 171.0 7.3	.61	Clear . . . 16 Part Cloudy 7 Cloudy . . . 8



HEALTH DEPARTMENT

OF THE

City and County of San Francisco, California

Bulletin Published by the Board of Health for the Month of November, 1908

BOARD OF HEALTH

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Deaths during Month of November, 1908.....	519
Less Deaths of children under one week of age	10
Non-residents	14
Deaths by violence.....	41 65 454
Population estimated at 425,000.....	Annual Death Rate per 1000 inhabitants, 12.81

DEATHS BY SEX				BY COLOR			
Males	311	White	496				
Females	208	Chinese	13				
		Japanese	3				
		Black	7				
BY SOCIAL CONDITION				BY NATIVITY			
Single	232	San Francisco	92				
Married	178	Other parts of California	64				
Widowed	83	Other States	93				
Divorced	3	Foreign Countries	247				
Unknown	23	Unknown	23				
Still births registered (not included in mortality tables): Males, 21; Females, 13. Total, 34.							

BIRTHS REGISTERED

TOTAL.	SEX.		RACE.				Twins (pairs).	Triplets.	NATIVITY OF PARENTS.											MIXED PARENTAGE.		
	Male.	Female.	White.	Chinese.	Japanese.	Black.			United States.	Germany.	Great Britain.	Ireland.	Italy.	China.	Japan.	France.	Scandinavia.	Others.	Unascertained.	Anglo Saxon.	Latin.	Others.
654	311	343	629	13	10	2	3	..	304	18	11	44	47	4	10	8	22	44	2	46	9	85

Annual Birth Rate per 1,000 Inhabitants.....	18.36
Marriage licenses issued	377

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH. (International Classification.)		Deaths reported during month Nov. 1908	SEX.		AGE BY YEARS.														SOCIAL RELATION.			COLOR.			
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.			
DEATHS FROM ALL CAUSES.		519	311	208	62	19	81	8	23	47	82	63	61	65	89	232	178	109	496	13	3	7			
I.	General Diseases	153	95	58	5	9	14	3	11	23	34	18	23	17	10	73	57	23	142	4	3	4			
II.	Diseases of Nervous System	31	18	13	3	2	5	1	2	1	3	2	5	4	8	13	10	8	30			1			
III.	Diseases of the Circulatory System	84	41	43	2		2	1	1	2	9	11	11	18	29	25	30	29	83	1					
IV.	Diseases of the Respiratory System	70	41	29	14	5	19	2	2	3	11	7	3	8	15	35	20	15	68	1		1			
V.	Diseases of the Digestive System	45	25	20	12	2	14	1	3	3	7	6	5	3	3	25	11	9	42	3					
VI.	Diseases of the Genito-Urinary System	48	30	18						6	5	11	9	8	9	13	23	12	46	2					
VII.	Childbirth	4		4						2	2						4		4						
VIII.	Diseases of the Skin	2	2											1											
IX.	Diseases of the Locomotor System	1	1								1			1			1	1	2						
X.	Malformations	3	2	1	3		3							1			1		1						
XI.	Early Infancy	19	15	4	19		19									3			3						
XII.	Old Age	15	5	10												19			18	1					
XIII.	Violence	41	34	7	2		2							4	11	2	4	9	15						
XIV.	Ill-Defined Diseases	3	2	1	2	1	3		4	7	10	8	4	2	4	21	17	3	39	1		1			
General Diseases																3			3						
(a) Epidemic Diseases.																									
1.	Typhoid Fever	14	9	5				1	2	5	3		2	1		8	6		14						
2.	Typhus, Exanthematic																								
3.	Fever, Recurrent																								
4.	Fever, Intermittent and Malarial Cachexia.																								
5.	Smallpox																								
6.	Measles	1	1		1		1									1			1						
7.	Scarlatina	4	3	1		2	2		2							4			4						
8.	Whooping Cough	1	1		1		1									1			1						
9.	Diphtheria	4	2	2		4	4									4			4						
9a.	Croup																								
10.	Influenza	1	1						1							1			1						
11.	Miliary Fever																								
12.	Cholera, Asiatic																								
13.	Cholera, nostras																								
14.	Dysentery																								
15.	Pest (Plague)																								
16.	Yellow Fever																								
17.	Leprosy																								
18.	Erysipelas																								
19.	Other Epidemic Diseases	1	1								1					1			1						
(b) Other General Diseases.																									
20.	Purulent Infection and Septicæmia	1		1					1							1			1						
21.	Glanders and Farcy																								
22.	Malignant Pustule and Charbon (Anthrax)																								
23.	Rabies																								
24.	Actinomycosis, Trichinosis, etc.																								
25.	Pellagra																								
26.	Tuberculosis of Larynx																								
27.	Tuberculosis of Lungs	51	34	17	1		1		3	15	16	6	3	5	2	26	20	5	43	4	2	2			
28.	Tuberculous Meningitis	5	3	2		3	3		1	1						5			4		1				
29.	Tuberculosis, Abdominal	1	1							1						1			1						
30.	Pott's Disease																								
31.	Tuberculous Abscess																								
32.	White Swelling	1	1						1							1			1						
33.	Tuberculosis of Other Organs	1	1																						
34.	Generalized Tuberculosis													1			1		1						
35.	Scrofula																								
36.	Syphilis	6	4	2	2		2				2	1	1			4	1	1	5			1			
37.	Gonorrhea of the Adult																								
38.	Gonorrheal Infections of Children																								
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	2	2											1	1	1	1	2							
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	11	4	7							2	3	4		2	3	5	3	10			1			
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	3	1	2									1		2		1	2	3						
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	7		7							1	2	3	1			3	4	7						
43.	Cancer and Other Malignant Tumors of the Breast	3		3								1	1		1	1	1	3							

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (International Classification.)		Deaths reported during month, Nov., 1908.	SEX.		AGE BY YEARS										SOCIAL RELATION			COLOR.			
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
44.	Cancer and Other Malignant Tumors of the Skin.....	1		1										1			1	1			
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	9	7	2					1	2	1	5		1	6	2	9				
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																				
47.	Rheumatism, Acute, Articular.....	4	2	2			2		2					2	2		4				
48.	Rheumatism, Chronic, and Gout.....																				
49.	Scurvy.....																				
50.	Diabetes.....	8	7	1					2		4	1	1	1	6	1	8				
51.	Goitre, Exophthalmic.....																				
52.	Addison's Disease.....																				
53.	Leukæmia.....																				
54.	Anæmia, Chlorosis.....	3	1	2					1		1	1		1	1	1	3				
55.	Other General Diseases.....																				
56.	Alcoholism, Acute and Chronic.....	9	8	1				1	3	2	2	1		4	3	2	9				
57.	Lead Poisoning.....																				
58.	Other Professional Intoxications.....																				
59.	Other Chronic Poisonings.....	1	1						1					1			1				
II. Diseases of the Nervous System.																					
60.	Encephalitis.....				2	2		1						3			3				
61.	Meningitis, Simple.....	3	3	2		2		1						4			4				
61a.	Meningitis, Epidemic Cerebro-spinal.....	4	3	1	1	2	1	1													
62.	Locomotor Ataxia, Progressive.....																				
63.	Other Diseases of the Spinal Cord.....																				
64.	Apoplexy Cerebral.....	20	11	9				1	1	2	5	4	7	4	8	8	19			1	
65.	Cerebral Softening.....	1		1									1		1		1				
66.	Paralysis.....	1		1					1					1			1				
67.	Paralysis, General, of Insane.....																				
68.	Other forms of Mental Disease.....																				
69.	Epilepsy.....																				
70.	Eclampsia (nonpuerperal).....																				
71.	Convulsions of Children.....																				
72.	Tetanus.....																				
73.	Chorea.....																				
74.	Other Diseases of the Nervous System.....																				
75.	Diseases of the Eye and Its Adnexa		1	1					1					1	1		2				
76.	Diseases of the Ear.....	2	1	1	1	1			1					1	1						
III. Diseases of the Circulatory System.																					
77.	Pericarditis.....	1	1							1						1	1				
78.	Endocarditis, Acute.....	2		2	1	1		1						2			2				
79.	Organic Diseases of the Heart.....	69	32	37			1		2	8	9	8	16	25	20	24	25	68	1		
80.	Angina Pectoris.....	2	1	1								1		1		1	2				
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	9	6	3					1	1	2	2	3	2	5	2	9				
82.	Embolism and Thrombosis.....																				
83.	Diseases of the Veins.....																				
84.	Diseases of the Lymphatics.....		1		1									1			1				
85.	Hemorrhages.....	1	1		1	1								1			1				
86.	Other Diseases of the Circulatory System.....																				
IV. Diseases of the Respiratory System.																					
87.	Diseases of the Nasal Fossæ.....																				
88.	Diseases of the Larynx	2	1	1	2	2								2			2				
89.	Diseases of the Thyreoid Body.....																				
90.	Bronchitis, Acute.....	8	2	6	2	3		1					4	4		4	8				
91.	Bronchitis, Chronic.....	5	3	2									2	3	3	2	5				
92.	Broncho-Pneumonia.....	11	7	4	8	9	1						1	10	1	11					
93.	Pneumonia.....	38	25	13	4	5	1	1	2	9	7	3	4	6	13	9	36	1		1	
94.	Pleurisy.....	4	2	2						1			1	2	1	3	4				
95.	Pulmonary Congestion and Apoplexy...	1	1						1					1			1				
96.	Gangrene of the Lung.....																				
97.	Asthma.....	1		1				1						1			1				
98.	Pulmonary Emphysema.....																				
99.	Other Diseases of the Respiratory Sys- tem (Phthisis excepted).....																				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (International Classification.)		Deaths reported during month Nov., 1908.	SEX.		AGE BY YEARS.										SOCIAL RELATION.			COLOR.				
			Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African
V. Diseases of the Digestive System.																						
100.	Diseases of the Mouth and its Adnexa																					
101.	Tonsillitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach	2	1	1								1			1		1	1	2			
104.	Gastritis	2		2	1	1			1							1	1		2			
104a	Other Diseases of the Stomach (Cancer excepted)																					
105.	Diarrhœa and Enteritis (under 2 years)	12	6	6	12	12										12			12			
105a	Diarrhœa and Enteritis, Chronic																					
106.	Diarrhœa and Enteritis (2 years & over)	8	6	2	1	1	1	2	1	1		1	1		7	1		7	1			
107.	Intestinal Parasites																					
108.	Hernia																					
108a	Obstruction of Intestines	4	3	1						1	1	1		1		2	2	3	1			
109.	Other Diseases of the Intestines																					
110.	Acute Yellow Atrophy of Liver																					
111.	Tumors, Hydatid, of the Liver	1	1										1			1		1				
112.	Cirrhosis of the Liver	8	4	4						4	2		1		2	2	4	8				
113.	Biliary Calculi	1		1														1	1			
114.	Other Diseases of the Liver	3	1	2							1	1		1		2	1	2	1			
115.	Diseases of the Spleen																					
116.	Peritonitis, Simple (Puerperal excepted)	1	1									1				1		1				
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
118.	Appendicitis and Abscess of the Iliac Fossa	3	2	1					1	1				1		3		3				
VI. Diseases of the Genito-Urinary System.																						
119.	Nephritis, Acute	3	2	1						2			1		1	2		3				
120.	Bright's Disease	40	25	15						3	3	11	9	6	8	11	19	10	38	2		
121.	Other Diseases of the Kidneys	2	2								1			1				2	2			
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder																					
124.	Diseases of the Urethra, Urinary Abcess, etc																					
125.	Diseases of the Prostate	1	1												1	1		1				
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal)																					
129.	Tumors, Uterine (noncancerous)																					
130.	Other Diseases of the Uterus																					
131.	Ovarian Tumors and Cysts	1		1						1						1		1				
132.	Diseases of Tubes	1		1							1						1	1				
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth.																						
134.	Accidents of Pregnancy	1		1						1							1		1			
135.	Hemorrhage, Puerperal																					
136.	Other Accidents of Labor																					
137.	Puerperal Septicæmia	3		3						2	1						3		3			
138.	Puerperal Albuminuria and Convulsions																					
139.	Phlegmasia Alba Dolens Puerperal																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII. Diseases of the Skin.																						
142.	Gangrene	1	1											1			1		1			
143.	Carbuncle																					
144.	Abscess																					
145.	Other Diseases of the Skin	1	1								1						1	1				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH. (International Classification.)	Deaths reported during month Nov., 1908.	SEX.		AGE BY YEARS.										SOCIAL RELATION.			COLOR.				
		Male.	Female.	Under 1 Year.	1 to 5.	Total under 5 yrs.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	Single.	Married.	Widowed, Divorced, Unas.	White.	Chinese.	Japanese.	African.
IX. Diseases of the Locomotor System.																					
146. Diseases of the Bones (nontuberculous).....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.1	.....	.1	.....	.....	.....
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
148. Amputation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
149. Other Diseases of the Organs of Loco- motion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
X. Malformations.																					
150. Hydrocephalus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
150a. Congenital Malformation of Heart—Cy- anosis.....	.3	.2	.1	.3	.....	.3	.....	.....	.....	.....	.....	.....	.....	.....	.3	.....	.....	.3	.....	.....	.....
150b. Other Congenital Malformations.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XI. Early Infancy.																					
151. Premature Birth.....	.10	.7	.3	.10	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.10	.....	.....	.9	.1	.....	.....
151a. Congenital Debility.....	.9	.8	.1	.9	.....	.9	.....	.....	.....	.....	.....	.....	.....	.....	.9	.....	.....	.9	.....	.....	.....
152. Other Diseases of Early Infancy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
153. Lack of Care.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XII. Old Age.																					
154. Senility.....	.15	.5	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.4	.11	.2	.4	.9	.15	.....	.....	.....
XIII. Violence.																					
155. Suicide by Poison.....	.9	.6	.3	.....	.....	.....	.....	.5	.1	.1	.....	.1	.1	.4	.4	.1	.9	.....	.....	.....	.....
156. Suicide by Illuminating Gas.....	.3	.2	.1	.....	.....	.....	.....	.1	.1	.1	.....	.....	.....	.1	.2	.....	.3	.....	.....	.....	.....
157. Suicide by Hanging or Strangulation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
158. Suicide by Submersion.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
159. Suicide by Firearms.....	.1	.1	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.....	.1	.....	.1	.....	.....	.....	.....
160. Suicide by Cutting Instruments.....	.2	.2	.....	.....	.....	.....	.....	.....	.2	.....	.....	.....	.....	.....	.1	.1	.2	.....	.....	.....	.....
161. Suicide by Jumping from High Places.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.1	.....	.....	.1	.....	.....	.....
162. Suicide by Crushing.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
163. Other Suicides.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.1	.....	.1	.1	.....	.....	.....
164. Fractures.....	.4	.4	.....	.....	.....	.....	.....	.1	.1	.....	.1	.....	.1	.2	.2	.....	.4	.....	.....	.....	.....
165. Dislocations.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
166. Accidental Gunshot Wounds.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
166a. Injuries by Machinery.....	.1	.1	.....	.....	.....	.....	.1	.....	.....	.....	.....	.....	.....	.....	.1	.....	.1	.....	.....	.....	.....
166b. Injuries in Mines and Quarries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
166c. Railroad Accidents and Injuries.....	.1	.1	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.....	.1	.....	.1	.....	.....	.....	.....
166d. Street Car Accidents and Injuries.....	.6	.5	.1	.....	.....	.....	.....	.....	.2	.1	.....	.1	.2	.4	.2	.....	.6	.....	.....	.....	.....
166e. Injuries by Horses and Vehicles.....	.2	.2	.....	.....	.....	.....	.1	.....	.....	.....	.1	.....	.....	.....	.1	.1	.2	.....	.....	.....	.....
166f. Other Accidental Traumatisms.....	.3	.3	.....	.....	.....	.....	.1	.....	.1	.....	.1	.....	.....	.....	.1	.1	.1	.3	.....	.....	.....
167. Burns and Scalds.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
168. Burning by Corrosive Substances.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
169. Heat and Sunstroke.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
170. Cold and Freezing.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
171. Electricity.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
172. Accidental Drowning.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....
173. Starvation, Privation, Etc.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
174. Inhalation of Illuminating Gas (Suicide excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
175. Other Acute Poisonings.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
176. Suffocation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
176a. Injuries at Birth.....	.2	.1	.1	.2	.....	.2	.....	.....	.....	.....	.....	.....	.....	.....	.2	.....	.....	.2	.....	.....	.....
176b. Homicide.....	.2	.2	.....	.....	.....	.....	.....	.....	.1	.1	.....	.....	.....	.....	.2	.....	.....	.2	.....	.....	.....
176c. Other External Violence.....	.2	.1	.1	.....	.....	.....	.....	.....	.....	.....	.1	.1	.....	.....	.2	.....	.....	.2	.....	.....	.....
XIV. Ill-Defined Diseases.																					
177. Dropsy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
178. Sudden Death.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179. Heart Failure.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179a. Inanition (Over 3 months).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179b. Debility (Over 3 months).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179c. Marasmus (Over 3 months).....	.2	.1	.1	.2	.....	.2	.....	.....	.....	.....	.....	.....	.....	.....	.2	.....	.....	.2	.....	.....	.....
179d. Fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179e. Other Ill-defined Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
179f. Unknown.....	.1	.1	.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.1	.....	.....	.....

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year.)

	Nov.	Dec.	1908 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.
General Diseases.....	176	188	174	165	162	150	163	129	142	130	134	139
Diseases of Nervous System.....	44	56	43	55	64	37	57	50	31	45	42	51
“ of Circulatory System.....	80	93	97	82	106	67	84	73	61	62	62	63
“ of Respiratory System.....	48	84	117	86	83	52	64	52	47	47	42	54
“ of Digestive System.....	47	53	42	38	52	41	29	42	61	55	54	45
“ of Genito-Urinary System.....	39	44	52	37	43	46	31	30	37	48	35	45
Childbirth.....	4	4	9	5	4	5	9	8	6	4	2	6
Disease of the Skin.....	1	1	1	1	1	2	4	1	2	2	1	1
“ of Locomotor System.....	1	1	.....	1	.....	1	1	.....	5	.....	1	.....
Malformations.....	4	2	2	3	4	1	5	3	8	3	3	4
Early Infancy.....	20	20	17	15	22	18	24	15	23	28	14	26
Old Age.....	10	9	18	6	7	5	9	7	4	7	6	6
Violence.....	38	67	53	57	60	47	61	61	54	54	42	49
Ill Defined Diseases.....	8	14	4	1	5	1	1	10	5	3	10	9
Total Deaths.....	516	636	629	552	613	473	542	481	486	488	447	498
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
Annual Death Rate per 1,000 inhabitants.....	17.88	17.76	15.48	17.28	13.32	15.24	13.56	13.68	13.68	12.60	14.88	14.04
Under 1 Year.....	76	75	53	51	68	51	68	61	93	72	64	62
1 to 5 Years.....	22	28	24	31	26	24	19	16	20	20	16	19
5 to 70 Years.....	337	427	432	353	422	330	378	334	304	306	302	328
70 and Over.....	81	106	120	117	97	68	77	70	69	80	65	89
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions	195	229	242	203	215	172	224	216	203	203	178	207

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908.....	486	488	447	498	519	.....	.....	.....	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years.)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908.....	557	525	515	567	654	.....	.....	.....	.....	.....	.....	.....	.....

*Records destroyed by fire.

†Returns very incomplete.

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.											U. S. Institutions				En Route — In Bay — Public Parks, Etc.														
City and County Hospital.	Relief Home for Aged Infirm.		Central Emergency Hospital.	Harbor Emergency.	Potrero Emergency.	Park Ambulance Station.	Leper Hospital.	Smallpox Hospital.	Isolation Hospital.	Jails and Prisons.	Other Hospitals and Sanatoria.	U. S. Marine Hospital.	U. S. A. General Hospital, (Presidio)	On Presidio Reservation.	Yerba Buena Island, (U. S. Naval Station.)	En Route to Hospital.	In Bay of San Francisco.	Pacific Ocean	On Ferry Boat. (Bay.)	On Board Ship. (Bay.)									At Place of Residence.
30	11		10							2	125	3	2	1		2	1	1		1									320

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.					
Calvary Rec. Vault	I. O. O. F. Cremations.	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio.)	U. S. Marine Hospital. Yerba Buena Island.	Cypress Lawn (Interments.)	Cypress Lawn (Cremations.)	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Indigent.)	San Mateo (Chinese.)	Servian.	Sunset (Indigent.)	Woodlawn.	To Medical Colleges	Shipped to Outside Points.	TOTAL.	Indigent Dead.
75					9	2	61		3	13	11	193	9	20		100	10		11		36	4	2	62	627	77

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary.	City.	I. O. O. F. (bodies.)	I. O. O. F. (ashes.)	Laurel Hill.	Masonic.	Mission Dolores.	National. (Presidio.)	U. S. M. H.	Total.	Cypress Lawn.	Eternal Home.	Green Lawn.	Hills of Eternity.	Holy Cross.	Home of Peace.	Italian.	Japanese.	Mt. Olivet.	Salem.	San Mateo (Chinese.)	Sunset.	National, S. F.	Woodlawn.	I. O. O. F. for Cremation.	Laurel Hill S. F. (Ashes.)	Masonic S. F. (Ashes.)	To Home (Ashes.)	Cal. Interior (Bodies.)	Cal. Interior (Ashes.)	Other States.	Total.	
27	2	4	31	14	12				90	10		3	28		2		7						4	2	2	2	2	1	2	2	2	94

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED											TRANSCRIPTS ISSUED	NO.	FEES COLLECTED	
Bath House.	Laundry.	Cigar Factory.	Milk.	Master Plumbers' Licenses.	Manure Wagons.	Vegetable and Manure Wagons.	Swill Wagons.	Scavenger Wagons.	Approvals for Locations of Stables.	School Attendance.	Vaccination Certificates.			
												Certified Copies Birth (at 75c. each)	32	\$24.00
												Same—For Pension Purposes, Etc.		No Fee Charged
												Certified Copies Death (at 75c. each)	63	47.25
												Same—For Pension Purposes, Etc.	2	No Fee Charged
												Permits for Removal of Bodies and Ashes—	88	No Fee Charged
												Same—(at \$10 each)	2	\$20.00
	1		13	5	2	1			11	151		Total	187	\$91.25

Total, 184

Total of all permits, etc., issued, 371.

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

To November 30, 1908

	APPROPRIATION	ALLOWANCE NOV.	EXPENDED NOV.	SURPLUS OR DEFICIT FOR NOV.	TOTAL SURPLUS NOV. 30	BALANCE REMAINING
SPECIAL SANITATION	\$9,766.00	\$ 766.00	\$ 757.65	\$ 8.35	\$ 166.38	\$ 166.38
CENTRAL OFFICE:						
Salaries	72,320.00	6,026.56	5,690.50	336.16	2,265.30	44,452.00
Expenses	8,600.00	716.66	820.32	103.66**	123.67	5,140.33
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09**	199.02	22,829.45
Expenses	12,000.00	1,000.00	876.87	123.13	1,291.65	8,291.65
CITY AND COUNTY HOSPITAL:						
Salaries			3,396.70			
Expenses	125,000.00	10,416.66	*7,669.99	650.03**	2,442.48	75,359.14
			\$11,066.69			
RELIEF HOME:						
Salaries			5,412.85			
Expenses	165,000.00	13,750.00	8,402.30	65.15**	6,021.20	102,271.20
			\$13,815.15			
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			1,925.00
Expenses	3,000.00	250.00	252.17	2.17**	197.10	1,947.10
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	435.00			3,045.00
Expenses	5,000.00	416.66	402.92	13.74	256.36	3,173.02
Totals	\$448,056.00	\$37,285.55	\$37,652.27	Surp. \$481.38 Def. 848.10	\$12,963.16	\$268,600.27

*This amount includes \$2,131.98 paid for care of City patients in private hospitals.

**Show overdrafts on $\frac{1}{2}$ allowance for the month. However the surplus accruing from previous months will more than offset this apparent deficit.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Oct.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	Total	Remaining in Hospital Nov. 30.	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	5	708	713	371	151	56	52	7	63	3	8	711	2						
Harbor.....		375	375	349			9		17			375							
Potrero.....		161	161	148					13			161							
Park Ambulance Station.....		47	47	34					13			47							
Insane Detention.....		53	53	19								51	2				15	2	9
Totals.....	5	1344	1349	921	151	56	61	7	106	3	8	1345	4				15	2	9

City and County Hospital

WM. R. DORR, M. D., WARDEN.

Remaining in Hospital from Oct.	Examined for Admission.	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES													Remaining in Hospital Nov. 30	Average Number Patients During Month	Average No. Officers and Employees
						DISCHARGED											Died	Total.			
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission						
350	..	..	206	..	556	64	66	4	1	1	1	1	1	7	15	31	192	364	358.1	99	

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT.

Remaining in Home from Oct.	Admitted	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.					
			At Own Request.	For Cause.	Left Without Permission.	Overstayed Pass.	Sent to City and County Hospital	Sent before Insanity Com.	Died.	TOTAL	Remaining in Home Nov. 30	Medical Cases Treated	Electric Treatments	Surgical Cases treated.	Surgical Dressings	Prescriptions Compounded
1241	67	1308	13	..	..	5	3	1	12	34	1274	732	164	227	317	911

ISOLATION HOSPITALS.

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department	Leper Department	Plague Department
No. Remaining Oct 31....	14 ..	15 ..	.. ..
No. admitted	15 29	.. ..	.. ..
No. discharged.....	.. 24	.. ..	.. ..
No. of deaths.....	.. ..	.. ..	.. ..
No. remaining Nov. 30....	.. 5	.. 15	.. ..
No. diagnostic visits.....	78 ..	.. ..	.. ..
No. necropsies performed...	.. ..	.. ..	.. 2

REPORT OF CITY PHYSICIAN.

JAMES T. WATKINS, M. D.

Patients treated or examined at office	195	...
Visits to patients.....	42	...
Sent to City and County hospital.....	11	...
Visits to jails.....	10	...
Patients in jail.....	122	...
Visits to prisons.....	16	...
Patients in prison.....	277	...
No. of vaccinations (in jail)	...	...
Special visits.....	1	...
Hospitals inspected.....	1	...

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations Performed
G. D. Culver, M.D.....	..	..	..	..	..	..	..	..	..	110	37	147	13	5	10	30	2	58	12	5	16	23	7	184	100
H. L. Curtis, M.D.	..	..	..	..	..	..	..	..	..	84	145	229	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	6	30	36	17	7	4	8	36	30	87	65	182	12	27	1	34	1	15	9	11	7	23	8	151	100
F. C. Muller, M.D.....	..	4	4	..	1	..	3	4	2	87	46	118	31	34	5	30	..	140	9	3	8	17	3	283	..
.....	..	..	..	..	..	..	..	..	..	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	6	34	40	17	8	4	11	40	32	351	293	676	56	66	16	94	4	213	30	19	31	63	18	618	200

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily.

*Glanders 3 Rotheln 1
Erysipelas 3 Trachoma 1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Plithis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed		
46	26	22	59	..	2	..	1	3	159	303	403100	4850	487	...	44		

I. L. David, Thos. Kane, Disinfectors.

DIVISION OF FOOD INSPECTION

INSPECTORS.	Total	Candy Factories and Stores.	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
P. Lydon	95			22		28		37							6
F. Murphy	152					85		66	2					1	
Totals	247			22		113		103	2					1	6

Condemnations and Seizures

Fruits.	Vegetables and Cereals.	Canned and Bottled Goods. Dried Fruits.	Meats and Fish.	Poultry and Game	Miscellaneous.
Apples.....27 Boxes				Rabbits.....26	

Nuisance complaints referred to Sanitary Division	Samples taken for Chemist ..127 | Nuisance complaints referred to Plumbing Division	Samples seized.....	Nuisances abated by written notice..... 2
Notices served			" " " verbal " 25

DIVISION OF DAIRY INSPECTION

INSPECTORS.	INSPECTIONS MADE.									ARRESTS MADE.						
	No. of Dairies Inspected	No. of Dairy Depots Inspected	TOTAL INSPECTIONS.	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed.	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
V. E. Lendrum.....	21	80	101	1171	1	1	1	46	..	..	..	..	..	..	..	..
B. O'Connor.....	25	78	103	1627	2	2		35	16	..	..	..	..	..	..	..
Totals.....	46	158	204	2798	3	3	1	81	16	..	..	..	..	..	..	..

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								*ARRESTS MADE						
		Milk Wagons.	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
V. E. Lendrum	88	40	15	33					..		..	..	..	..	..	..
P. Lydon	61	34	3	..	2	5	14	3	..	2	16	18	6	\$150	3	9
F. Murphy	62	37	..	..	16		7	2	..	10	5	15	4	100	1	10
B. O'Connor	109	43	14	52					..		..	..	..	..	..	..
Total	320	154	32	85	18	5	21	5	..	12	21	33	10	\$250	4	19

*See under Record of Arrests Made, page 18

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	...	175	192	39	32	191	629	120000	600	1200	1500	1000	1000	12000
S. J. Campbell.....	45	538	....	14	83	....	680	128000	2481	1426	2233	2196	2333	29677
W. H. Jordan.....	364	...	....	..	....	....	364	....	4720	1749	8590	7764	14965	....
T. McEnroe.....	...	162	252	38	....	181	633	300000	530	781	1210	860	950	8900
John Regan.....	480	...	...	..	....	...	480	....	4720	1749	13240	10644	17415	....
Totals	889	875	444	91	115	372	2786	548000	13051	6905	26773	22484	36663	50577

Condemnations and Seizures

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves.	Sheep.	Lambs	Hogs.	Chickens.	Other Poultry.			ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	3100	.....	8	.....	.....	.....	716	14	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	5450	71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	2900	61	47	38	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	.....	5	.....	.....	.....	609	1	.....	.....	.....	.....	.....	.....	.....	.....
John Regan.....	.....	4800	44	55	13	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	3100	13150	189	102	51	20	1325	15	.....	.....	.....	.....	.....	.....	.....	.....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	9920	3189	18664	21415	13240
Supplied from Outside of City..	4563	3588	4090	4463	2771
Totals.....	14483	6677	22754	25878	16011

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected.	Work progressing; partially abated.	Nuisances Abated	Nuisances Unabated
Bakeries.....	100	90	10	..	9	1	5	..	4	..
Bath Houses.....	9	8	1	..	1	..	3	..	3	..
Laundries.....	42	37	5	..	5	..	3	..	3	..
Garment and Shoe Factories.....	2	2	..	..	..	..	..	..	..	..
Cigar Factories.....	6	6	..	..	..	..	..	..	..	..
Restaurants.....	7	3	4	..	..	3	8	1	4	..
Meat Markets.....	3	3	..	..	..	..	..	..	..	..
Candy Factories.....	16	14	2	..	1	..	2	1	1	..
Miscellaneous and Canneries.....	7	6	1	..	1	..	..	..	..	..
Stables and Manure Wagons.....	3	2	1	..	..	..	1	1	..	..
Totals.....	195	171	24	..	17	4	22	3	15	..

Note—Employed 7 days in serving and posting notices and orders of vacation, etc.

HY. D. MILLER, Inspector.

DIVISION OF PLUMBING INSPECTION

Name of Inspector	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY						
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	First Notices Served
T. J. Farrell (Chief).....	130	50	6	186	130	11400	2600	130	1	5	6	1	1	2	1	...	...	1	...
W. D. Hobro Jr.....	162	20	21	203	162	12960	9720	20	21	31	52	6	21	27	18	...	1	8	21
H. R. Murphy.....	46	27	58	131	46	3680	2350	27	32	22	54	19	32	51	33	1	...	17	32
P. Mulligan.....	207	92	27	326	207	5000	2500	92	13	49	62	10	19	29	20	1	5	3	23
J. Robertson.....	126	81	1	208	126	10080	6300	81	18	25	43	3	18	21	14	2	2	3	18
J. E. Sweeney.....	145	74	13	232	145	11600	7250	74	17	21	38	9	17	26	21	...	...	5	17
Totals.....	816	344	126	1286	816	54720	30720	434	102	153	255	48	108	156	107	4	8	37	111

Number of Plans submitted.....199
 Number of Buildings represented...220
 Permits granted for repair work.....45

New Fixtures Installed in Old Buildings.								
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools
62	23	33	35	32	1	15		1
								7

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
2	1	3	...	...	2	1

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condemed by taking up under New Ordinance	Total		
Dwellings.....	14	3	17	58	13	5	76	10	5	..	15	7	54
Stables.....	18	4	22	129	9	8	156	18	2	1	21	65	70
Miscellaneous.....	9	.....	9	29	2	8	39	8	3	..	11	14	14
Totals.....	41	7	48	216	34	21	271	36	10	1	47	86	138

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLYNN, KATHERINE SHAIN, KATHERINE WYNNE, (Graduate Nurses), Assistants

Report on 18 Schools enrolling 8700 pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to Schools.....133
No. visits to homes.....346

TOTAL VISITS.....479

110 children excluded on account of following named diseases:

Diphtheria.....	7	Whooping Cough.....	1
Scarlet Fever.....	17	Acute Tonsillitis.....	1
Smallpox.....	3	Contagious Skin Diseases.....	2
Chicken Pox.....	26	Pediculosis.....	1
Measles.....	162	Trachoma.....	1
Mumps.....	33	Miscellaneous.....	1
		Tuberculosis.....	1

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	104	No. cases treated by operation.....	3
“ “ requiring medical attention.....	295	“ “ “ without operation.....	3
“ “ poorly nourished.....	20	“ “ “ by nurses in schools.....	28
“ “ affected with pediculosis.....	14	“ “ reported to societies.....	4
“ “ “ “ contagious skin diseases.....	275		

TOTAL.....40

VACCINATION REPORT

Number found to be not vaccinated.....	195
Of this number 872 have since been vaccinated (or 44.5).....	
Number excluded on account of non-vaccination.....	3

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	66	89	3	158
Sputum (for Tuberculosis).....	3	8	..	11
Sputum (for Pneumonia).....	..	2	..	2
Diazo Reactions.....	..	..	..	..
Widal Reactions.....	1	3	..	4
Water.....	..	..	..	26
Other Examinations.....	1	3	..	4
Milk.....	..	..	..	108
Disinfectants.....	..	..	..	22
Total Examinations.....	71	105	3	335

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME	RESULT
Stomach.....	Coroner.....	A. Young.....	Potassium Cyanide.
Stomach.....	Coroner.....	John Medice.....	Strychnine present.
Stomach.....	Coroner.....	Gus. Shawl.....	No poison present.
Stomach.....	Coroner.....	David Alexander.....	No poison present.
Stomach.....	Coroner.....	Flora Reeves.....	Arsenic present.
Stomach.....	Coroner.....	Joseph Murray.....	No poison present.
Stomach.....	Coroner.....	Miss Mary Portney.....	No poison present.
Stomach.....	Coroner.....	R. Knell.....	No poison present.
Stomach.....	Coroner.....	Mollie Jacoby.....	Potassium cyanide.
Stomach.....	Coroner.....	George Rice.....	No poison present.
Stomach.....	Coroner.....	Morris Haas.....	No poison present.
Stomach.....	Coroner.....	Sadie Marcus.....	Bichloride of mercury.
Stomach.....	Coroner.....	Mrs. R. Dawsetts.....	No poison present.
Stomach, embalming fluid.....	Coroner.....	David J. Baird.....	Arsenic present from embalming fluid
Stomach, embalming fluid and blood.....	Coroner.....	Joseph Murphy.....	Arsenic present from embalming fluid

5 milks reported during month.

Total number of samples analyzed during month, 20

CHEMICAL LABORATORY

W. BEAVER,
Chief Chemist.

C. F. HOYT,
R. A. JONES,
Asst. Chemists

The work of the Chemical Laboratory during the month of November consisted of the analysis of 326 samples of milk, 79 samples of soft drinks and 27 samples of water. Total number of analyses, 432.

MILK

Samples taken from milk wagons.....	154; below standard.....	14
Samples taken from milk depots.....	32; below standard.....	3
Samples taken from shippers.....	85; below standard.....	3
Samples taken from restaurants.....	21; below standard.....	9
Samples taken from grocery stores.....	18; below standard.....	3
Samples taken from bakeries.....	5; below standard.....	5
Samples taken from delicatessen stores.....	5; below standard.....	0
Samples submitted by public institutions.....	6; below standard.....	1

Total number of samples analyzed.....326; total number below standard.....38

Percentage below standard, 11.65.

Samples sufficiently below standard to warrant arrest, 22.

Standard, 3% milk fat, 8.5% solids not fat.

Warrants for arrests were issued upon the following:

NAME.	Milk fats.	DEFICIENCY.	
		Solids not fat.	Added substances
W. Wucherer, 324 Devisadero St., Bakery.....	1.0	....	....
J. Krafts, 1515 Devisadero St., Bakery.....	0.6	....	....
J. Holdener, 615 Morse St.....	....	1.04	Water.
Galindo Bros., 1014 Van Ness Ave., Vienna Cafe.....	0.7	....	....
P. Krone, 911 O'Farrell St., Popular Restaurant.....	0.6	....	....
L. Moore, 1813 Polk St., Bakery.....	0.7	....	....
H. Inselmann, 471 3rd St., Grocery Store.....	1.2	....	....
McQuillen & McCarthy, 608 Larkin St., Restaurant.....	0.6	....	....
P. Grueninger, 1912 Mission St., Bakery.....	0.4	....	....
J. Holdener, 615 Morse St.....	....	0.43	Water.
J. Linehan, 51 Sharon St.....	....	0.42	Water.
A. Peverini, 176 Golden Gate Ave.....	....	0.60	Water.
J. Linehan, 51 Sharon St.....	....	0.41	Water.
J. Kabataras, 87 5th St., Restaurant.....	....	2.70	Water.
E. Chenopoulos, 133 5th St., Restaurant.....	1.2	....	....
Tony Penoll, 203 Guerrero St., Restaurant.....	0.8	....	....
Mrs. L. Burns, 204 Valencia St., Restaurant.....	1.9	....	....
C. Catechi, 121 East St., Restaurant.....	0.6	0.55	Water.
T. Cvietkovich, 245 East St., Dock Restaurant.....	....	2.78	Water.
G. Foster, Stetson.....	0.9	....	....
Jo. Manez, Lawrence.....	....	0.81	Water.
J. Verago, San Mateo.....	0.13	1.34	Water.

(MILK) COURT WORK

Cases in court.....	30	Convictions.....	10
Cases carried over.....	15	Dismissals.....	5
Total amount of fines.....	\$225.00	Average fine.....	\$22.50

SOFT DRINKS

The soft drinks analyzed consisted of soda waters, ginger ales and root beers. One hundred and twenty-one samples were collected, of which 84 were labeled artificially, colored, flavored or sweetened, as the case might be. Forty-two of the samples labeled as described were analyzed and were found to conform to the statements on the label. Eight samples which were unlabeled were found not to be in violation of the law. Twenty-nine samples were found to be improperly labeled or not labeled when containing artificial color or sweetening.

The artificial coloring matters found were caramel and coal tar colors. The artificial sweetening was found to be saccharin. No attempt was made to identify the artificial flavors.

The mislabeled samples were either home made products or were evidently from stock, put on the market before the operation of the California Pure Food Act.

The Department of Public Health has no law for the prevention of the adulteration of products of this kind.

WATER

Sanitary analysis was made of 27 samples of water collected as follows: From the properties of the Spring Valley Water Company, 22 samples; from miscellaneous sources, 5 samples.

The tables of analytical results are given below:

C. W. BEAVER.

CHEMICAL LABORATORY—Cont'd

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

LAB. No.	SOURCE	DATE 1908	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		
				265	88	177	27	0.0004	0.318	0.028	0.123	3	The average of the analyses of 78 samples of water taken from the City distributing reservoirs at intervals of one month during the year 1907-08.
469	Potrero Heights Reservoir.	Nov. 4	Clear.	257	72	185	27	0.001	0.138	0.038	0.186	3	Sample taken from fore-bay, 6 ft. below surface.
470	College Hill Reservoir.	Nov. 4	Clear.	128	50	78	22	0.0	0.118	0.014	0.118	3	Sample taken from fore-bay, 6 ft. below surface.
471	South Lake Merced.	Nov. 4	Slightly turbid.	295	112	163	63	0.0	0.112	0.020	0.490	7	Sample taken from center of lake, 6 ft. below surface.
472	University Mound Reservoir.	Nov. 4	Clear.	276	103	173	26	0.003	0.284	0.024	0.124	2	Sample taken from fore-bay, 6 ft. below surface.
473	North Lake Merced.	Nov. 4	Slightly turbid.	333	129	204	67	0.0	0.070	0.018	0.284	6	Sample taken from center of lake, 6 ft. below surface.
474	Lake Honda Reservoir.	Nov. 4	Clear.	194	94	100	34	0.0	0.116	0.06	0.144	3	Sample taken from center of reservoir, 6 ft. below surface.
475	Clarendon Heights Tank	Nov. 5	Clear.	263	98	165	24	0.0	0.424	0.016	0.106	2	Sample taken from tank, 6 ft. below surface.
476	Lombard St. Reservoir.	Nov. 5	Clear.	209	69	140	31	0.0	0.156	0.02	0.114	3	Sample taken 6 ft. below surface.
477	Presidio Heights Tank.	Nov. 5	Clear.	252	74	178	25	0.0	0.338	0.014	0.108	2	Sample taken from tank, 6 ft. below surface.
478	Clay Street Tank.	Nov. 5	Clear.	341	92	249	30	0.0	0.868	0.006	0.054	2	Sample taken from tank, 6 ft. below surface.
479	Francisco St. Reservoir	Nov. 5	Clear.	266	95	171	26	0.0	0.114	0.018	0.140	4	Sample taken 6 ft. below surface.
485	Potrero Heights Reservoir	Nov. 16	Clear.	259	69	190	26	0.0	0.218	0.046	0.178	3	Sample taken from platform at side of reservoir, 4 ft. below surface.
486	College Hill Reservoir.	Nov. 16	Clear.	145	42	103	21	0.0	0.014	0.030	0.118	3	Sample taken from platform at side of reservoir, 6 ft. below surface.
487	University Mound Reservoir.	Nov. 16	Clear.	279	86	193	25	0.002	0.362	0.034	0.128	3	Sample taken from platform at side of reservoir, 5 ft. below surface.
488	South Lake Merced.	Nov. 16	Turbid.	293	78	215	63	0.001	0.086	0.046	0.312	4	Sample taken from center of lake, 5 ft. below surface.
489	North Lake Merced.	Nov. 16	Turbid.	310	77	233	66	0.0	0.132	0.032	0.372	6	Sample taken from center of lake, 5 ft. below surface.
490	Lake Honda Reservoir.	Nov. 16	Clear.	190	60	130	32	0.001	0.144	0.032	0.162	3	Sample taken from center of reservoir, 6 ft. below surface.
491	Clay Street Tank.	Nov. 17	Clear.	342	82	260	31	0.0	0.686	0.018	0.064	2	Sample taken from tank, 4 ft. below surface.
492	Lombard St. Reservoir.	Nov. 17	Clear.	202	76	126	29	0.0	0.184	0.036	0.142	3	Sample taken from reservoir, 6 ft. below surface.
493	Francisco St. Reservoir.	Nov. 17	Clear.	281	75	206	26	0.001	0.097	0.034	0.144	3	Sample taken from reservoir, 2 ft. below surface.
494	Presidio Heights Tank.	Nov. 17	Clear, with suspended matter.	288	98	190	25	0.0	0.306	0.026	0.108	3	Sample taken from tank, 6 ft. below surface.
495	Clarendon Heights Tank	Nov. 17	Clear.	271	80	191	24	0.001	0.234	0.030	0.104	3	Sample taken from tank, 6 ft. below surface.

*The solids on all of the above samples blacken on ignition.

RECORD OF ARRESTS MADE DURING MONTH

ARRESTED	NAME	ORDINANCE VIOLATED	COMPLAINANT	JUDGES	DISPOSITION
Nov. 2	Isadore Elberg	State Milk Law	Lydon	Shortall	Found guilty and fined \$25.00.
" 2	Kosta Maroudas	State Milk Law	Lydon	Shortall	Found guilty and fined \$25.00.
" 2	Chris Toft	State Milk Law	Lydon	Shortall	Found guilty and fined \$25.00.
" 2	Fred Gantner	State Milk Law	Lydon	Weller	Found guilty and fined \$25.00.
" 2	Charles Anderson	State Milk Law	Murphy	Shortall	Found guilty and fined \$25.00.
" 2	Geo. Kalsenosto	State Milk Law	Murphy	Conlan	Found guilty and fined \$15.00.
" 2	Ella Caden	State Milk Law	Murphy	Shortall	Found guilty and fined \$10.00.
" 4	John Mendott	State Milk Law	Murphy	Conlan	Found guilty and fined \$50.00.
" 5	Nick Sikas	State Milk Law	Lydon	Shortall	Found guilty and fined \$25.00.
" 5	Marco Strugar	State Milk Law	Lydon	Shortall	Found guilty and fined \$25.00.
" 6	John B. Dobett	State Milk Law	Lydon	Shortall	Pending.
" 9	Heppolete Lapachette	State Milk Law	Lydon	Weller	Pending.
" 11	Manuel Smith	State Milk Law	Lydon	Shortall	Case dismissed.
" 13	William H. Weber	Vio. Section 624, Penal Code	Mulligan	Weller	Case dismissed.
" 13	John M. Souza	Vio. Ordinance 229	Lydon	Shortall	Case dismissed, defective complaint.
" 19	William Wucherer	Vio. State Milk Law	Lydon	Conlan	Pending.
" 19	John Kaft	Vio. State Milk Law	Lydon	Conlan	Pending.
" 23	John M. Souza	Vio. Ordinance 229	Lydon	Shortall	Case dismissed.
" 24	Henry Inselmann	Vio. State Milk Law	Murphy	Weller	Pending.
" 30	Peter Krone	Vio. State Milk Law	Lydon	Conlan	Pending.
" 30	Leo Moore	Vio. State Milk Law	Lydon	Shortall	Found guilty and fined \$10.00.
" 30	Felix Galindo	Vio. State Milk Law	Lydon	Conlan	Pending.

SUMMARY

Total number of arrests made	22	
Total number of convictions		11
Total number of dismissals		4
Total number of cases pending		7
Amount in fines	\$260.00	22

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of November, 1908

DATE.	BAROMETER.		TEMPERATURE.				DEW POINT.		RELATIVE HUMIDITY.		WIND.			RAINFALL IN	CHARACTER OF DAY.
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	TOTAL DAILY MOTION. DIREC.	TOTAL DAILY MOTION.	INCHES.	
1.....	30.09	30.09	68	50	18	59	49	51	88	73	16	W	136	0	Part Cloudy.
2.....	30.16	30.10	67	48	19	58	49	52	98	69	8	W	65	0	Part Cloudy.
3.....	30.09	30.01	74	52	22	63	50	43	95	37	10	W	89	0	Clear.
4.....	30.03	30.03	64	51	13	58	47	50	79	88	22	SW	213	0	Part Cloudy.
5.....	30.08	30.07	60	50	10	55	47	47	88	81	15	W	161	0	Part Cloudy.
6.....	30.11	30.05	67	49	18	58	48	48	93	67	14	W	95	0	Part Cloudy.
7.....	30.10	30.01	69	48	21	58	47	50	94	90	25	W	143	0	Clear.
8.....	30.00	29.87	56	48	8	52	48	49	98	96	21	W	168	0	Cloudy.
9.....	29.88	29.85	56	49	7	52	48	47	94	84	16	SW	156	T	Cloudy.
10.....	29.91	29.97	55	52	3	54	47	48	83	84	11	SW	147	0	Cloudy.
11.....	30.06	30.09	58	50	8	54	46	46	81	78	12	W	88	0	Part Cloudy.
12.....	30.18	30.19	63	48	15	56	46	50	92	77	11	SE	85	0	Cloudy.
13.....	30.17	30.11	67	51	16	59	49	46	91	58	9	W	80	0	Cloudy.
14.....	30.11	30.03	70	50	20	60	50	49	93	68	11	W	79	0	Part Cloudy.
15.....	30.05	30.12	62	51	11	56	50	51	90	94	24	W	175	0	Cloudy.
16.....	30.23	30.22	63	50	13	56	49	51	94	88	17	SW	114	0	Part Cloudy.
17.....	30.21	30.11	66	48	18	57	50	49	98	87	18	W	110	0	Part Cloudy.
18.....	30.10	30.07	64	48	16	56	49	53	98	85	16	W	90	0	Part Cloudy.
19.....	30.11	30.15	61	52	9	56	52	53	99	85	23	SE	150	0	Cloudy.
20.....	30.10	30.08	63	55	8	59	53	55	84	86	24	SW	191	T	Cloudy.
21.....	30.07	30.00	62	54	8	58	53	53	95	78	25	S	181	.31	Cloudy.
22.....	29.98	30.07	61	54	7	58	50	50	85	77	30	S	173	.02	Part Cloudy.
23.....	29.98	29.96	58	49	9	54	53	45	90	73	27	NW	237	.31	Part Cloudy.
24.....	30.08	30.12	57	47	10	52	32	42	53	62	21	NW	206	0	Clear.
25.....	29.99	29.84	82	45	7	48	43	41	86	73	32	SE	250	.70	Cloudy.
26.....	30.05	30.09	56	45	11	50	37	40	69	57	10	NE	99	0	Clear.
27.....	30.16	30.14	61	46	15	54	38	36	67	45	10	NE	86	0	Clear.
28.....	30.18	30.17	58	47	11	52	34	42	57	62	16	NE	114	0	Clear.
29.....	30.17	30.07	57	44	13	50	42	38	86	58	9	NW	99	0	Clear.
30.....	30.03	29.96	56	45	11	50	41	42	81	69	8	NW	89	0	Cloudy.
MEANS.....	30.082	30.055	61.7	49.2	12.5	55.4	46.6	47.2	86.6	74.3	17	W	4069 Mean 135.6 Hrly. 5.7	1.34	Clear..... 7 Part Cloudy..... 12 Cloudy..... 11

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF DECEMBER, 1908

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D.

CURTIS HILLYER

GUY E. MANNING, M. D.

JNO. P. McLAUGHLIN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of December, 1908	528
Less Deaths of children under one week of age	10
Non-residents	20
Deaths by violence	56 86 442
Population estimated at 425,000	Annual Death Rate per 1000 inhabitants, 12.48

DEATHS BY SEX				BY COLOR			
Males	316	White	509				
Females	212	Chinese	16				
		Japanese	3				
		Black					
BY SOCIAL CONDITION				BY NATIVITY			
Single	221	San Francisco	100				
Married	172	Other parts of California	50				
Widowed	113	Other States	88				
Divorced	5	Foreign Countries	272				
Unknown	17	Unknown	18				
Still births registered (not included in mortality tables): Males, 20; Females, 11. Total, 31							

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS										MIXED PARENTAGE			
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
552	266	286	532	11	8	1	4	..	264	17	17	22	48	3	8	9	21	22	3	38	2	68

Annual Birth Rate per 1,000 Inhabitants

15.48

Marriage licenses issued

354

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)		Deaths reported during month Dec., 1908	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
DEATHS FROM ALL CAUSES		528	316	212	60	27	87	9	17	48	63	69	80	64	91	221	172	135	509	16	3	
I.	General Diseases	144	93	51	6	11	17	5	9	15	21	35	23	7	12	71	50	23	136	7	1	
II.	Diseases of Nervous System	46	31	15	7	3	10		1		2	1	8	11	13	15	14	17	44	1	1	
III.	Diseases of the Circulatory System	73	33	40		1	1	1	3	5	6	4	17	19	17	10	34	29	72	1		
IV.	Diseases of the Respiratory System	80	41	39	10	10	20	1	1	8	4	7	7	9	23	36	20	24	78	2		
V.	Diseases of the Digestive System	53	32	21	12	1	13	1	1	5	6	8	9	4	6	29	18	6	52	1		
VI.	Diseases of the Genito-Urinary System	36	22	14					1	1	4	6	10	10	4	6	16	14	36			
VII.	Childbirth	2		2						1	1					2		2				
VIII.	Diseases of the Skin	2	1	1		1	1							1		1		1	2			
IX.	Diseases of the Locomotor System	1	1		1		1									1		1				
X.	Malformations	2	1	1	2		2									2		2				
XI.	Early Infancy	17	8	9	17		17									17		17				
XII.	Old Age	13	5	8										2	11	2	1	10	13			
XIII.	Violence	56	47	9	2		2	1	1	13	19	8	6	1	5	28	17	11	51	4	1	
XIV.	Ill-Defined Diseases	3	1	2	3		3									3		3				
General Diseases																						
(a) Epidemic Diseases																						
1.	Typhoid Fever	4	4							2	1	1				3	1		3	1		
2.	Typhus, Exanthematic																					
3.	Fever, Recurrent																					
4.	Fever, Intermittent and Malarial Cachexia	1	1										1			1			1			
5.	Smallpox																					
6.	Measles	1	1			1	1									1		1				
7.	Scarlatina	5	2	3		3			1	1						4	1		5			
8.	Whooping Cough	2		2	1	1	2									2			2			
9.	Diphtheria	5	4	1				4			1					4	1		5			
9a.	Croup																					
10.	Influenza	2	2										1		1		2		2			
11.	Miliary Fever																					
12.	Cholera, Asiatic																					
13.	Cholera, nostras																					
14.	Dysentery	1	1								1					1			1			
15.	Pest (Plague)																					
16.	Yellow Fever																					
17.	Leprosy																					
18.	Erysipelas	2	2										1	1				2	2			
19.	Other Epidemic Diseases																					
(b) Other General Diseases																						
20.	Purulent Infection and Septicæmia	2	2									1	1				1	1	2			
21.	Glanders and Farcy																					
22.	Malignant Pustule and Charbon (Anthrax)																					
23.	Rabies																					
24.	Actinomycosis, Trichinosis, etc.																					
25.	Pellagra																					
26.	Tuberculosis of Larynx																					
27.	Tuberculosis of Lungs	60	41	19		2	2		5	8	12	20	9	2	2	29	20	11	56	3	1	
28.	Tuberculous Meningitis	6	3	3	1	2	3	1	1	1						5	1		5	1		
29.	Tuberculosis, Abdominal	4	2	2	2	2	4									4			4			
30.	Pott's Disease	1	1						1							1			1			
31.	Tuberculous Abscess																					
32.	White Swelling	1		1					1							1			1			
33.	Tuberculosis of Other Organs																					
34.	Generalized Tuberculosis																					
35.	Scrofula																					
36.	Syphilis	4	1	3	2		2				2					3		1	4			
37.	Gonorrhea of the Adult																					
38.	Gonorrheal Infections of Children																					
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	2	2										1	1		1	1		2			
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	11	6	5								3	2	1	5	3	6	2	11			
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	4	3	1								2			2	1	2	1	4			
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	3		3									2	1			2	1	3			
43.	Cancer and Other Malignant Tumors of the Breast	3		3								1	1	1			2	1	3			

[illegible]

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)	Deaths reported during month Dec., 1908	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																					
146. Diseases of the Bones (nontuberculous)...	.1	.1		.1		.1									.1			.1			
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)...																					
148. Amputation.....																					
149. Other Diseases of the Organs of Locomotion.....																					
X. Malformations																					
150. Hydrocephalus.....																					
150a. Congenital Malformation of Heart—Cyanosis.....	.2	.1	.1	.2		.2									.2			.2			
150b. Other Congenital Malformations.....																					
XI. Early Infancy																					
151. Premature Birth.....	.7	.3	.4	.7		.7									.7			.7			
151a. Congenital Debility.....	.9	.4	.5	.9		.9									.9			.9			
152. Other Diseases of Early Infancy.....	.1	.1		.1		.1									.1			.1			
153. Lack of Care.....																					
XII. Old Age																					
154. Senility.....	.13	.5	.8										.2	.11	.2	.1	.10	.13			
XIII. Violence																					
155. Suicide by Poison.....	.6	.4	.2					.2	.2					.2	.3	.1	.2	.6			
156. Suicide by Illuminating Gas.....	.1	.1											.1				.1	.1			
157. Suicide by Hanging or Strangulation....	.3	.3							.2	.1					.1	.1	.1	.2	.1		
158. Suicide by Submersion.....																					
159. Suicide by Firearms.....	.6	.6						.1	.1	.1	.3				.6			.6			
160. Suicide by Cutting Instruments.....	.2	.2						.1						.1	.1		.1	.2			
161. Suicide by Jumping from High Places....	.1	.1						.1							.1			.1			
162. Suicide by Crushing.....																					
163. Other Suicides.....																					
164. Fractures.....	.3	.1	.2						.1	.2						.2	.1	.3			
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....	.1	.1							.1						.1			.1			
166a. Injuries by Machinery.....	.2	.2							.1		.1					.2		.1	.1		
166b. Injuries in Mines and Quarries.....																					
166c. Railroad Accidents and Injuries.....																					
166d. Street Car Accidents and Injuries....	.3	.3						.2	.2					.1	.1	.2		.3			
166e. Injuries by Horses and Vehicles.....	.4	.2	.2				.1		.2		.1				.1	.1	.2	.1			
166f. Other Accidental Traumatisms.....	.2	.2							.1					.1	.2			.2			
167. Burns and Scalds.....	.3	.1	.2					.1	.1		.1				.1	.2		.3			
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....																					
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....	.5	.5						.2	.1	.2					.1	.2	.2	.3	.1	.1	
173. Starvation, Privation, Etc.....																					
174. Inhalation of Illuminating Gas (Suicide excepted).....	.9	.9						.3	.4	.2					.7	.1	.1	.9			
175. Other Acute Poisonings.....	.1	.1							.1							.1		.1			
176. Suffocation.....																					
176a. Injuries at Birth.....	.1		.1	.1		.1									.1			.1			
176b. Homicide.....	.3	.3		.1		.1			.2						.3			.2	.1		
176c. Other External Violence.....																					
XIV. Ill-Defined Diseases																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....	.1	.1		.1		.1									.1			.1			
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....	.2	.1	.1	.2		.2									.2			.2			
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1907 Dec.	1908 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.
General Diseases.....	188	174	165	162	150	163	129	142	130	134	139	153
Diseases of Nervous System.....	56	43	55	64	37	57	50	31	45	42	51	31
“ of Circulatory System.....	93	97	82	106	67	84	73	61	62	62	63	84
“ of Respiratory System.....	84	117	86	83	52	64	52	47	47	42	54	70
“ of Digestive System.....	53	42	38	52	41	29	42	61	55	54	45	45
“ of Genito-Urinary System.....	44	52	37	43	46	31	30	37	48	35	45	48
Childbirth.....	4	9	5	4	5	9	8	6	4	2	6	4
Disease of the Skin.....	1	1	1	1	2	4	1	2	2		1	2
“ of Locomotor System.....	1	.....	1	.....	1	1	.....	5	.....	1	.....	1
Malformations.....	2	2	3	4	1	5	3	8	3	3	4	3
Early Infancy.....	20	17	15	22	18	24	15	23	28	14	26	19
Old Age.....	9	18	6	7	5	9	7	4	7	6	6	15
Violence.....	67	53	57	60	47	61	61	54	54	42	49	41
Ill Defined Diseases.....	14	4	1	5	1	1	10	5	3	10	9	3
Total Deaths.....	636	629	552	613	473	542	481	486	488	447	498	519
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
Annual Death Rate per 1,000 inhabitants.....	17.76	15.48	17.28	13.32	15.24	13.56	13.68	13.68	12.60	14.88	14.04	14.64
Under 1 Year.....	75	53	51	68	51	68	61	93	72	64	62	62
1 to 5 Years.....	28	24	31	26	24	19	16	20	20	16	19	19
5 to 70 Years.....	427	432	353	422	330	378	334	304	306	302	328	349
70 and Over.....	106	120	117	97	68	77	70	69	80	65	89	89
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions	229	242	203	215	172	224	216	203	203	178	207	189

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908.....	486	488	447	498	519	528							

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908.....	557	525	515	567	654	552							

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.											U. S. Institutions				En Route — In Bay — Public Parks, Etc.												
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Portero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	On Presidio Reservation	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Ferry Boat (Bay)	On Board Ship (Bay)	Golden Gate Park							At Place of Residence
31	10	10	1							127	3	6		1	3	4				1							331

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries															To Medical Colleges, Etc.					
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead
78				1	9	2		49		4	9	12	185	6	44	1	85	15		11	1	40	10	8	54	624	53

DISINTERMENTS AND REMOVALS

Disinterred From									Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
40	6	2	43	7	4				102	9				39	7			1					4	4	12	4	13	3	12	4	102

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED											TRANSCRIPTS ISSUED	NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Vaccination Certificates			
												Certified Copies Birth (at 75c. each)	28	\$21.00
												Same—For Pension Purposes, Etc.		No Fee Charged
												Certified Copies Death (at 75c. each)	83	62.25
												Same—For Pension Purposes, Etc.	1	No Fee Charged
												Permits for Removal of Bodies and Ashes. Same—(at \$10 each)	102	No Fee Charged
2	2	2	2	1	1				17	224	260	Total	214	\$83.25

Total, 511

Total of all permits, etc., issued, 725

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

To December 31, 1908

	APPROPRIATION	ALLOWANCE DEC.	EXPENDED DEC.	SURPLUS OR DEFICIT FOR DEC.	TOTAL SURPLUS DEC. 31	BALANCE REMAINING
SPECIAL SANITATION	\$10,516.00	\$ 750.00	\$ 735.54	\$ 14.36	\$ 217.27	\$ 217.27
CENTRAL OFFICE:						
Salaries	72,320.00	6,026.56	5,632.95	393.71	2,659.01	38,819.05
Expenses	8,600.00	716.66	776.75	60.09‡	65.29	4,365.29
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09‡	171.93	19,569.43
Expenses	12,000.00	1,000.00	822.26	177.74	1,469.39	7,469.39
CITY AND COUNTY HOSPITAL:						
Salaries			3,460.15			
Expenses	125,000.00	10,416.66	8,671.23*	1,714.72‡	976.71	63,476.71
			\$12,131.38			
RELIEF HOME:						
Salaries			5,294.00			
Expenses	165,000.00	13,750.00	9,630.77	1,174.77‡	4,976.85	87,476.85
			\$14,924.77			
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			1,650.00
Expenses	3,000.00	250.00	281.62	31.62‡	171.81	1,671.81
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	435.00			2,610.00
Expenses	5,000.00	416.66	384.45	32.21	312.10	2,812.10
Totals	\$448,806.00	\$37,269.55	\$39,659.82	Surp. \$618.02 Def. 3,008.29	\$11,020.36	\$230,137.90

‡In these five instances Expenses Central Office, Salaries Emergency Hospital, Relief Home, City and County Hospital and Expenses Smallpox Hospital, the 1-12 allowances for the month were overdrawn, but there were surpluses from previous months and the allowances for the six months already passed of this fiscal year have not been overdrawn.

*\$3,019.58 expended for care of patients in private hospitals.

The above statement is made upon the amount of the supplies contracted for, and when all bills are filed there will be some change but not a material one, in the above figures.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Nov.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	Total	Remaining in Hospital Dec. 31	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	2	822	824	447	133	57	49	6	111	6	6	815	9	....	....	....	....	....	....
Harbor.....	....	438	438	390	....	....	21	....	23	2	2	438	....	....	....	....	....	....	....
Potrero.....	....	261	261	255	....	....	1	....	5	....	....	261	....	....	....	....	....	....	....
Park Ambulance Station.....	....	39	39	32	....	....	....	....	7	....	....	39	....	....	....	....	....	....	....
Insane Detention.....	....	48	48	22	....	....	....	....	....	....	2	48	1	....	1	....	7	7	8
Totals.....	2	1608	1610	1156	133	57	71	6	146	8	10	1601	10	....	1	....	7	7	8

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from Nov.	Examined for Admission	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Remaining in Hospital Dec. 31	Average Number Patients During Month	
364	.	.	169	.	533	53	46	4	2	.	.	1	2	5	18	31	162	371	369.6	103

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from Nov.	Admitted	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Remaining in Home Dec. 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1274	65	1339	15	1	..	10	1	4	10	41	1298	40	50	505	694	215	620	90	40

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. remaining Nov. 30....	5	..	15	..	..	..
No. admitted.....	14	19	..	..	..	..
No. discharged.....	..	13	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining Dec. 31.....	..	6	..	15	..	..
No. diagnostic visits.....	83	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	1

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	249	..
Visits to patients.....	35	..
Sent to City and County hospital.....	17	..
Visits to jails.....	14	..
Patients in jail.....	163	..
Visits to prisons.....	13	..
Patients in prison.....	261	..
No. of vaccinations.....	260	..
Special visits.....	1	..
Hospitals inspected.....	12	..

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations Performed
G. D. Culver, M.D.....	..	..	..	..	..	..	..	..	..	117	45	162	6	5	8	33	1	95	13	..	20	5	8	197	..
H. L. Curtis, M.D.	..	..	..	..	..	..	..	..	..	134	118	252	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	8	16	24	20	..	3	1	24	16	84	65	165	27	17	7	35	1	50	14	5	10	35	9	213	..
F. C. Muller, M.D.....	3	2	5	4	1	..	..	5	4	94	33	131	18	39	4	35	1	96	8	1	15	20	12	251	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	11	18	29	24	1	3	1	29	20	429	261	710	51	61	19	103	3	241	35	6	45	60	29	661	..

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Glanders 3
Erysipelas 5

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed		
56	77	17	72	..	3	..	5	..	230	418	535,890	6,382	640	224	..		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	387	1	1	253	.....	83	.....	1	33	.....	.....	.....	7	.....	8
E. F. Murphy	289	1	.....	24	.....	165	.....	1	88	.....	.....	.....	.....	.....	10
Totals	676	2	1	277	.....	248	.....	2	121	.....	.....	.....	7	.....	18

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods Dried Fruits	Meats and Fish	Poultry and Game	Miscellaneous
Pineapples 60 Boxes		Sardines ... 313 cans Goose Liver .. 1 " Peas 3 " Mushrooms .. 82 " Trout 5 " Dried Peaches 17sks.	.....	.....	.....

Nuisance complaints referred to Sanitary Division	Samples taken for Chemist .. 64 | Nuisance complaints referred to Plumbing Division	Samples seized	Nuisances abated by written notice	4
Notices served .....	.....	.....	..... verbal "	43

For arrests—See under heading "Record of Arrests Made"

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE									ARRESTS MADE						
	No. of Dairies Inspected	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Con- demned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum*	32	73	105	2119	2	4	1	48	..	..	..	..	..	..	..	..
E. B. O'Connor†	..	83	83	.....	..	..	1	20	..	..	..	..	..	..	..	..
Totals	32	156	188	2119	2	4	2	68	..	..	..	..	..	..	..	..

*Suspended from duty, December 14 to 21

†Suspended from duty, December 14 to 31

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								*ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum .....	..	..	..	..	.....	.....	.....	.....	..	..	4	4	3	\$ 75	1	..
T. P. Lydon	67	67	..	..	.....	..	.....	.....	..	9	3	12	6	205	1	5
E. F. Murphy	62	60	..	..	.....	.....	2	.....	..	10	4	14	2	140	3	3
E. B. O'Connor .....	..	..	..	..	.....	.....	.....	.....	..	..	3	3	2	75	1	..
Total	129	127	..	..	..	..	2	..	..	19	14	33	19	\$495	6	8

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	...	235	176	38	34	265	748	80000	500	1107	1500	1000	1000	75000
S. J. Campbell.....	46	612	....	11	97	....	766	125000	2150	1027	2555	2125	2270	373700
W. H. Jordan.....	364	...	....	..	....	....	364	.....	4840	1215	7300	8107	11918	.....
T. McEnroe.....	...	182	291	22	....	232	727	.....	460	1450	1260	1125	1053	79250
John Regan.....	500	8	...	..	....	...	508	.....	4840	1215	12120	11247	14678	49700
Totals	910	1037	467	71	131	497	3113	205000	12790	6014	24735	23604	30919	577650

Condemnations and Seizures

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Hog Heads	ARRESTS MADE						
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	1860	....	7	....	....	....	1096	....	38	....	....	....	....	....	....	....	....
S. J. Campbell.....	...	3375	70	....	....	....	...	415	...	....	....	....	....	....	....	....	....
W. H. Jordan.....	...	9900	76	52	38	23	...	...	6	12	....	....	....	....	....	....	....
T. McEnroe.....	...	...	7	...	...	3	508	35	...	...	....	....	....	....	....	....	....
John Regan	...	4200	57	38	17	5	...	18	...	...	....	....	....	....	....	....	....
Total.....	1860	17475	217	90	55	31	1604	468	44	12	....	....	....	....	....	....	....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8220	2615	15247	17678	12120
Supplied from Outside of City..	3224½	3405	4957	4049	3040
Totals.....	11444½	6020	20204	21727	15160

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	199	183	16	2	12	2	13	1	10	..
Bath Houses.....	9	9	..	..	..	..	..	..	..	..
Laundries.....	130	119	11	..	5	6	16	1	9	..
Garment and Shoe Factories.....	5	5	..	..	..	..	..	..	..	..
Cigar Factories.....	26	23	3	..	3	..	2	..	2	..
Restaurants.....	9	7	2	..	2	..	2	..	2	..
Meat Markets.....	7	6	1	..	1	..	1	..	1	..
Candy Factories.....	30	28	2	..	2	..	..	..	..	..
Miscellaneous and Canneries.....	14	14	..	..	..	..	1	..	1	..
Stables and Manure Wagons.....	1	1	..	..	..	..	1	..	1	..
Totals.....	430	395	35	2	25	8	26	2	26	..

HY. D. MILLER, Inspector

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES				
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY					First Notices Served	Last Notices Served	Total		
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments				No Cause	Remaining Unabated
T. J. Farrell(Chief)	196	85	4	285	196	15680	3920	196	4	4	8	1	1	2	2	..	..	..	1	2	3
W. D. Hobroy Jr.	151	57	48	256	151	12080	9060	57	40	31	71	8	40	48	22	8	5	13	40	27	67
H. R. Murph	55	58	82	195	55	4400	2275	53	26	34	60	17	26	43	17	..	1	25	26	30	56
P. Mulligan	204	123	37	364	204	12000	2500	123	56	52	108	3	56	59	24	..	25	10	31	20	51
J. Robertson	140	97	19	256	140	11200	7000	97	21	16	37	3	21	24	13	..	7	4	21	....	21
J. E. Sweeney	157	98	10	265	157	12560	6280	98	15	23	38	5	15	20	15	1	..	4	15	12	27
Totals	903	518	200	1621	903	67920	31035	629	162	160	322	37	159	196	93	9	38	56	134	91	225

Number of Plans submitted.....200
 Number of Buildings represented...229
 Permits granted for repair work.....80

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
115	41	38	77	37	12	31		1	9

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
1	1	2	..	..	..	2

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condemned by taking up under New Ord- nance	Total		
Dwellings	3	1	4	61	2	1	64	5	4	1	10	12	38
Stables	17	3	20	135	10	7	152	14	5	..	19	46	64
Miscellaneous	8	5	13	28	4	4	36	2	2	..	4	11	15
Total	28	9	37	224	16	12	252	21	11	1	33	69	117

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLYNN, KATHERINE SHAIN, KATHERINE WYNNE, (Graduate Nurses), Assistants

Report on 18 Schools enrolling 8700 pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to Schools.....142
No. visits to homes.....230

TOTAL VISITS.....372

124 children excluded on account of following named diseases:

Diphtheria.....	6	Whooping Cough.....	1
Scarlet Fever.....	8	Acute Tonsilitis.....	8
Smallpox.....	1	Contagious Skin Diseases.....	2
Chicken Pox.....	5	Pediculosis.....	6
Measles.....	69	Trachoma.....	1
Mumps.....	18		

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	109	No. cases treated by operation.....	1
“ “ requiring medical attention.....	234	“ “ “ without operation.....	6
“ “ poorly nourished.....	14	“ “ “ by nurses in schools.....	279
“ “ affected with pediculosis.....	14	“ “ reported to societies.....	10
“ “ “ “ contagious skin diseases.....	146		

VACCINATION REPORT

Number found to be not vaccinated.....	1087
Of this number 580 have since been vaccinated (or 53.3)	
Number excluded on account of non-vaccination.....	59

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	34	99	2	135
Sputum (for Tuberculosis).....	2	6	..	8
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions.....	5	5	..	10
Water.....	..	..	..	1
Other Examinations.....	..	..	..	2
Milk.....	..	..	..	2
Disinfectants.....	..	..	..	..
Total Examinations.....	41	110	2	158

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME	RESULT
Stomach and Urine.....	Coroner.....	John Hodgkins.....	No poison present
Stomach and washings, powder papers	Coroner.....	Harry Bose.....	Strychnine present
Bottle of Liquor.....	Coroner.....	John Medici.....	No poison present
Stomach.....	Coroner.....	Wong Gec Leong.....	No poison present
Stomach.....	Coroner.....	King Ying.....	No poison present
Stomach.....	Coroner.....	M. Nichols.....	Sulphuric Acid present
Stomach.....	Coroner.....	James C. Reynolds.....	No poison present
Stomach.....	Coroner.....	W. J. Biggy.....	No poison present
Stomach.....	Coroner.....	Fannie Currier.....	No poison present

Total number of samples analyzed during month, 9

CHEMICAL LABORATORY

C. W. BEAVER,
Chief Chemist

C. F. HOYT,
R. A. JONES,
Asst. Chemists

The work of the Chemical Laboratory during the month of December consisted of the analysis of 141 samples of milk, 1 sample of vinegar and 2 samples of condensed milk. Total number of analyses, 144.

MILK

Samples taken from milk wagons.....	127; below standard.....	3
Samples taken from restaurants.....	2; below standard.....	1
Samples taken from public institutions.....	10; below standard.....	2
Samples taken from private individuals.....	2; below standard.....	0
Total number of samples analyzed.....		141; total number below standard..... 6

Percentage below standard, 4.25.

Samples sufficiently below standard to warrant arrest, 2.

Standard, 3 % milk fat and 8.5 % solids not fat.

Warrants for arrest were issued upon the following:

NAME.	DEFICIENCY		Added substances
	Milk Fats	Solids Not Fat	
A. Chazel, 2021 Folsom St. (restaurant).....	1.3	1.14	Water
J. Sarthou, 2924 Railroad Ave., Bay View Ranch.....	0.3	1.85	Water

COURT WORK (MILK CASES)

Cases in court.....	30	Convictions.....	19	Jail sentence.....	1
Dismissals.....	6	Cases carried over.....			8
Total fines.....	\$470.00	Average fine.....			\$26.11

MISCELLANEOUS

One sample of vinegar was analyzed for the City and County Hospital and was found to conform with the United States standard of purity, 2 samples of condensed milk were analyzed, 1 sample was found to be very much below the law, the other one slightly below the law.

During the latter part of November the Chemical Laboratory was moved from Scott and O'Farrell Streets to its new quarters at 1085 Mission Street. The new quarters are much more commodious and much better fitted for general food inspection analysis than the old quarters. Very little chemical work was done during the month of December, the time being used in fitting up the new laboratory for work.

RECORD OF ARRESTS

ARRESTED	NAME	ORDINANCE VIOLATED	COMPLAINANT	JUDGE	DISPOSITION
Mar. 24	Chas. Campodonico.....	Maintaining Nuisance.....	Miller.....	Weller.....	Pending
June 17	Frank Marty.....	State Milk Law.....	Murphy (E. F.)..	Weller.....	Pending
July 7	Thos. Young.....	Ordinance 1504.....	Mulligan.....	Shortall.....	Pending
" 27	Edward Green.....	State Milk Law.....	Lydon.....	Conlan.....	Pending
Aug. 20	Edward Green.....	State Milk Law.....	Lydon.....	Conlan.....	Pending
Sept. 29	Jos. Kennell.....	State Milk Law.....	Murphy (E. F.)..	Conlan.....	Pending
Oct. 1	Jack Main.....	Maintaining Nuisance.....	H. R. Murphy...	Weller.....	Pending
" 20	Oliver Crook.....	State Milk Law.....	Murphy (E. F.)..	Conlan.....	Pending
Nov. 6	John B. Dabett.....	State Milk Law.....	Lydon.....	Shortall.....	Pending
" 30	Peter Krone.....	State Milk Law.....	Lydon.....	Conlan.....	Pending
Dec. 2	Paul Grueninger.....	State Milk Law.....	Murphy.....	Weller.....	Found guilty and fined \$25.00
" 3	Achilli Peverini.....	State Milk Law.....	O'Connor.....	Conlan.....	Found guilty and fined \$50.00
" 3	Joseph Holdener.....	State Milk Law.....	Lendrum.....	Weller.....	Found guilty and fined \$25.00
" 3	Joseph Holdener.....	State Milk Law.....	Lendrum.....	Weller.....	Case dismissed
" 5	James J. Lineham.....	State Milk Law.....	O'Connor.....	Shortall.....	Found guilty and fined \$25.00
" 5	James J. Lineham.....	State Milk Law.....	Lendrum.....	Weller.....	Case dismissed
" 9	W. O. Weissich.....	Ordinance 822.....	Dr. Curtis.....	Conlan.....	Pending
" 9	Epa Chenopoulos.....	State Milk Law.....	Murphy.....	Shortall.....	Found guilty and fined \$10.00
" 9	John Kabataras.....	State Milk Law.....	Murphy.....	Shortall.....	Found guilty and fined \$10.00
" 9	Tony Penoll.....	State Milk Law.....	Murphy.....	Conlan.....	After spending 12 hrs. in jail dismissed
" 10	Thomas Cveitkovich.....	State Milk Law.....	Lydon.....	Conlan.....	Found guilty and fined \$100.00
" 11	Constintino Catechis.....	State Milk Law.....	Lydon.....	Conlan.....	Found guilty and fined \$50.00
" 11	Joseph Moniz.....	Ordinance 229.....	Lendrum.....	Shortall.....	Found guilty and fined \$25.00
" 14	George Foster.....	Ordinance 229.....	O'Connor.....	Weller.....	Dismissed
" 19	Herman F. Suhr.....	Ordinance 1034.....	Dr. Muller.....	Conlan.....	Dismissed—reprimanded
" 19	Rey Keaton.....	Ordinance 1034.....	Dr. Muller.....	Conlan.....	Dismissed—reprimanded
" 29	Jacques Sarthou.....	State Milk Law.....	Lydon.....	Deasy.....	Pending
" 29	August Chazel.....	State Milk Law.....	Murphy.....	Deasy.....	Found guilty and fined \$25.00
" 31	Sam Chervin.....	Ordinance 615.....	Hobro.....	Weller.....	Pending

SUMMARY

Total number of arrests made (Month of December).....	19
Total number of convictions.....	10
Total number of dismissals.....	6
Total number of cases pending... (December cases).....	3
	19
Amount in fines... (December arrests).....	\$345.00
Cases pending from previous month.....	10

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of December, 1908

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1.....	29.90	29.89	52	46	6	49	42	44	79	80	9	SE	88	T	Part Cloudy
2.....	29.89	29.86	54	48	6	51	42	44	78	78	15	NE	137	.08	Cloudy
3.....	29.95	30.04	57	48	9	52	45	49	88	76	8	SE	92	T	Part Cloudy
4.....	30.01	29.93	57	51	6	54	49	50	92	88	22	SW	261	.96	Cloudy
5.....	30.00	30.09	58	48	10	53	48	47	93	71	14	SW	141	.04	Part Cloudy
6.....	30.17	30.19	55	46	9	50	46	48	94	96	7	S	72	0	Part Cloudy
7.....	30.27	30.22	55	41	14	48	44	49	100	87	11	S	102	0	Part Cloudy
8.....	30.13	29.99	51	44	7	48	45	48	100	90	14	S	145	.17	Cloudy
9.....	29.86	29.95	52	49	3	50	47	46	90	84	20	SE	272	.34	Cloudy
10.....	30.17	30.26	61	49	12	55	43	48	76	73	11	NE	86	0	Clear
11.....	30.30	30.28	59	47	12	53	41	40	72	55	9	S	89	0	Clear
12.....	30.25	30.13	56	46	10	51	43	46	87	76	9	NE	107	0	Clear
13.....	30.06	29.97	53	45	8	49	46	43	95	75	11	SE	112	.01	Cloudy
14.....	29.92	29.98	53	44	9	48	41	38	87	62	11	NE	74	0	Clear
15.....	30.08	30.05	54	42	12	48	36	30	75	45	8	NE	104	.01	Clear
16.....	29.90	30.02	54	44	10	49	32	36	55	56	22	NW	199	.09	Clear
17.....	30.26	30.34	50	41	9	46	35	31	76	53	13	NE	110	0	Clear
18.....	30.39	30.34	48	39	9	44	33	27	75	45	17	NE	148	0	Clear
19.....	30.31	30.32	44	36	8	40	33	34	83	83	12	S	117	0	Clear
20.....	30.37	30.32	45	35	10	40	31	31	84	63	7	NE	77	0	Clear
21.....	30.25	30.14	42	35	7	38	31	32	85	69	7	NW	109	0	Part Cloudy
22.....	30.07	30.12	43	37	6	40	37	38	95	85	9	NE	107	.27	Cloudy
23.....	30.20	30.22	52	40	12	46	41	47	97	87	13	S	154	.01	Cloudy
24.....	30.31	30.28	53	45	8	49	44	44	90	80	14	SE	137	0	Part Cloudy
25.....	30.27	30.22	50	40	10	45	42	41	88	82	9	NE	92	0	Clear
26.....	30.21	30.25	48	37	11	42	38	41	99	86	10	NE	108	0	Part Cloudy
27.....	30.26	30.27	44	39	5	42	41	40	98	92	7	NE	99	0	Cloudy
28.....	30.27	30.23	45	38	7	42	37	39	93	92	10	N	111	0	Cloudy
29.....	30.14	30.03	46	39	7	42	38	38	89	78	13	NE	125	0	Part Cloudy
30.....	29.98	29.94	50	40	10	45	37	40	83	82	8	NW	97	0	Part Cloudy
31.....	29.98	29.92	56	42	14	49	40	44	88	78	18	S	86	.17	Cloudy
MEANS....	30.133	30.122	51.5	42.6	8.9	47.0	40.3	41.1	86.6	75.8	11.9	NE	3758 121.2 5.1	2.15	Clear.....10 Part Cloudy.....11 Cloudy.....10

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF JANUARY, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

CURTIS HILLYER

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of January, 1909	553
Less Deaths of children under one week of age	21
Non-residents	21
Deaths by violence	46 88 465
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 11.73

DEATHS BY SEX				BY COLOR			
Males	333	White	530				
Females	220	Chinese	14				
		Japanese	5				
		Black	4				
BY SOCIAL CONDITION				BY NATIVITY			
Single	229	San Francisco	110				
Married	177	Other parts of California	60				
Widowed	124	Other States	107				
Divorced	7	Foreign Countries	263				
Unknown	16	Unknown	13				
Still births registered (not included in mortality tables): Males, 18; Females, 5. Total, 23							

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxons	Latin	Others
579	293	286	258	7	11	3	3	..	273	13	14	18	56	2	11	6	23	43	12	33	16	59

Annual Birth Rate per 1,000 Inhabitants	11.52
Marriage licenses issued	270

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of January, 1909

San Francisco's death rate is decreasing. There were 76 fewer deaths in this month than in January, 1908. The death rate for that month was 15.72; for this month it is 11.73, a very marked decrease. As compared with last year there were noticeable reductions in the mortality from all important causes. The following table will clearly illustrate this fact

DEATHS FROM	JAN. 1908	JAN. 1909
Tuberculosis.....	85	64
Pneumonia (Lobar).....	58	32
Pneumonia (Broncho).....	38	18
Organic Heart Disease.....	80	64
Bright's Disease.....	42	42
Diseases Digestive System.....	42	37
Typhoid Fever.....	7	3
Diphtheria.....	10	5
Influenza.....	5	0

BIRTHS

Four hundred and forty-three births were registered in January, 1908, as against 579 this month, an increase of 136. This material increase is due to the persistent campaign inaugurated some months since against that class of practitioners who had been in the habit of neglecting to report their cases. In November, 1908, when this crusade was started, the registration of births increased 73% over that of the corresponding month of 1907, and practically the same ratio has been maintained every month since.

CONTAGIOUS DISEASES

Contagious disease cases were reported as set forth in the following table. For purposes of ready comparison the cases reported for the corresponding month of 1908 are shown:

DISEASES	NO. OF CASES JAN. 1908	NO. OF CASES JAN. 1909
Bubonic Plague.....	4	0
Diphtheria.....	59	53
Scarlet Fever.....	17	47
Smallpox.....	38	4
Measles.....	21	272
Whooping Cough.....	2	37
Mumps.....	3	42
Chicken-Pox.....	46	70
Cerebro-Spinal Meningitis.....	8	2
Pneumonia.....	49	32
Tuberculosis.....	83	121
Typhoid Fever.....	21	13

Of the above diseases, diphtheria, scarlet fever, smallpox and typhoid cases have always been regularly reported. Physicians had been somewhat lax in reporting other diseases named in this list, but a strict enforcement of the law in this regard has had the effect of bringing to our notice many cases which might have otherwise remained unreported; thus the apparent increase in the number of cases of measles, whooping cough, mumps, chickenpox and tuberculosis over that of 1908 very properly can be attributed to the fact that physicians now report all their cases. There is no reason to believe that there has been any extraordinary increase in the number of cases in these infectious diseases.

SCHOOL MEDICAL INSPECTION

In the month of August, 1908, this branch of our work was inaugurated with one physician and four nurses in the field. With this very limited corps, which is able only to cover 19 of the 96 schools now open, splendid results have been attained. A total of 818 school visits and 1,141 home visits have been made since September, 1908.

During the same period many cases of contagious diseases which would otherwise have escaped the notice of this Department have been discovered. Most of these affected children had no physician in attendance and parents kept the children at school, a constant menace to others. In all such cases these pupils were promptly excluded from attendance until recovery. From August, 1908 to January 31, 1909, children to the number of 671 were thus excluded.

The following table will show what has been done in this regard

NATURE OF DISEASE	NO. EXCLUDED
Diphtheria.....	19
Scarlet Fever.....	28
Smallpox.....	21
Chicken-Pox.....	37
Measles.....	287
Mumps.....	74
Whooping Cough.....	8
Acute Tonsillitis.....	42
Contagious Skin Diseases.....	70
Pediculosis.....	48
Trachoma.....	20
Chorea.....	3
Pulmonary Tuberculosis.....	2
Miscellaneous.....	12
Total.....	671

VACCINATION

Of an average enrollment of 8,700 pupils in the 19 schools covered by the inspectors, 3,150 children were found unvaccinated; 2,603 of this number have since September, 1908, been successfully vaccinated, leaving but 547 or 6.4% of total enrollment yet to conform.

The State law of compulsory vaccination as a pre-requisite for admission to the public schools is being strictly enforced. The majority of our people appear to be educated to the necessity of this precautionary measure against contagion, and without doubt the enforcement of this law has reduced the number of smallpox cases to a minimum. Note the difference in the number of cases in the table of contagious diseases—38 in January, 1908—this month 4.

A strong effort is being made to increase the efficiency of school medical inspection work and extend its scope by adding to the number of inspectors now in service. It is to be hoped that these efforts will be crowned with the success they deserve, as this is a most important feature of the work of this Department.

A tabulated report of the work performed in this division for the current month will be found on page 16 of this issue.

SANITARY INSPECTION

One hundred and four contagious disease placards were posted—579 cases of non-quarantinable diseases were investigated and 694 quarantine inspections were made by the Sanitary Corps during the month. In addition to this work, 689 inspections on complaints of nuisances were handled and 35 vaccinations performed by the same inspectors.

A total of 195 fumigations were made by the disinfecting crew; 357 rooms being covered in this work, totalling 489,520 cubic feet, 5,942 ounces of formalin, 330 pounds sulphur and 192 ounces crude carbolic acid being used in this work; 30 Petrie dishes were also placed.

FOOD AND MARKET INSPECTION

Three hundred and eleven inspections were made by the Food Inspection Corps, 71 boxes fresh fruits, 170 gallons canned fruit and 2,500 pounds canned salmon being condemned.

Two thousand eight hundred and fifty-one inspections of markets, butcher shops, etc., were made by the Market Inspection Corps. Sixty thousand pounds of fish, 102,458 head of stock and poultry to the number of 160,690 were inspected and passed upon by this force. One thousand one hundred pounds of fish, 13,300 pounds of beef, 517 head of stock, 755 chickens, etc., were condemned as unfit for human food, destroyed and removed to the Reduction Works for cremation.

Under the heading of Market Inspection it will be noted that the number of condemnations for the month of January is low. This is due to the fact that the weather conditions throughout the State have prevented the shipments into the city and consequently limited operations of establishments therein handling food products in the meat and poultry line.

DAIRY AND MILK INSPECTION

Five dairies, 168 dairy depots and 241 cows inspected by this corps. Eighty-two milk cans were condemned and destroyed and one arrest made for violation of Dairy Law.

Four hundred and forty samples of milk were taken for chemical analysis, these being secured from wagons, dairy depots, railroad depots, groceries, delicatessen stores and other retail dealers. Thirteen arrests were made and fines aggregating \$230.00 were imposed upon offenders by the police judges.

During the month 33 tanks of milk were condemned at the Ferry and dumped into the bay, by reason of rain water and other material finding entry into the tanks on account of defective covers. This condition had been previously called to the attention of the milkmen and shippers, but both parties paid no heed to the warning, and I considered that a food product such as milk coming into the city, which was being contaminated, was subject to seizure and destruction in the same manner as other food products that the Department daily comes in contact with. An immediate improvement took place within twenty-four hours, every hole in milk tanks had been sealed, and it was noted that in many instances new covers and new containers were being provided.

The work of dairy inspection will be given an impetus through the appointment of a Chief Dairy Inspector, Dr. C. L. Roadhouse, a graduate veterinary from Cornell University, having been selected by the Department to perform this very important work. He will assume the duties of his new position on February 1st.

INDUSTRIAL AND PLUMBING INSPECTION

The Industrial Inspector made 425 inspections of premises devoted to various industries, such as bath houses and laundries, garment and shoe factories, restaurants and candy factories, etc. The particular feature of this inspection is to regulate the sanitary surroundings of employes engaged in these industries, as well as to enforce the laws of this department appertaining to the cleanliness of that class of premises where food stuffs are handled, and the observance of hygienic precautions in bath houses, laundries and factories where clothing is manufactured.

In addition to this work this Inspector passed upon 74 scavenger, swill and manure wagons before permits to use same for such purposes were issued.

The plumbing division made 1,279 inspections on buildings in course of construction, those completed, and on work granted by permit; 241 inspections on complaint of nuisance were also handled and 97 abatements were recorded; 194 notices were served; 3 arrests were made for violations of Plumbing Law; 103 plans were submitted representing 115 buildings.

BOARD ACTIONS

During the month 34 new cases for condemnation proceedings were brought before the Board of Health and final action was taken on 11 cases postponed from previous months; 21 insanitary premises were condemned; 28 nuisances were abated by repair, 12 by demolition.

LABORATORIES

Tabulated reports under their separate designations will show the work accomplished in the various laboratories under control of this Department. Under this division it will be noted that there were 510 samples of milk examined during the month, which is the largest number of examinations made of milk during the period of a year. The percentage of samples found bad, however, was very small, being but 39 out of the above number; 24 of this latter number were taken from restaurants, and all showed evidence of dilution with water. During the coming month a systematic inspection of the milk sold in restaurants and bakeries will be made, so that at the end of the month I hope to report having examined a sample of milk from every restaurant and bakery in the city.

ARRESTS

Eighteen arrests were made during the month, of these 11 were for violation of the State Milk Law on the findings of the chemist on milk samples taken by inspectors and submitted for chemical analysis, all of these offenders being guilty of handling milk which was found below the standard set by this department.

In a decision recently handed down the Supreme Court of this State has materially strengthened our hands in the enforcement of the law in this regard, and the result is that we are now in a position to fix our own standard and are to be the judges as to what shall be the best to give our citizens.

Four offenders were arrested for maintaining a nuisance, three of these for violating plumbing law and one for breaking general sanitary law.

Three violators of Dairy Law came under the ban and were promptly arrested.

Seven convictions were obtained in the police courts and fines aggregating \$110.00 were imposed; four dismissals were granted and seven cases are still pending as the result of the work for January.

Six cases are yet pending from previous months and determined action will be taken by this department to hasten matters in all cases of this character and endeavor to have summary justice dispensed.

HOSPITAL WORK

The reports of these institutions will be found under their appropriate headings. Special attention is directed to the Emergency Hospitals, these having handled a total of 1,380 cases for the month. Under the present system all persons applying for admission to the City and County Hospital and the Relief Home for Aged and Infirm must make application at the Central Emergency Hospital, where all cases are examined medically by the City Physician or an Emergency Surgeon, and their financial condition investigated by the Inspector of Hospitals.

Detailed and tabulated reports of the work accomplished by the various bureaus and their divisions will be found under the respective headings of each.

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CAUSES OF DEATH (International Classification)		Deaths reported during month Jan., 1909	SEX		AGE BY YEARS														SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African			
DEATHS FROM ALL CAUSES		553	333	220	70	20	90	8	18	56	68	70	69	76	98	229	177	147	530	14	5	4			
I.	General Diseases	151	97	54	8	11	19	4	6	21	31	30	19	13	8	70	57	24	140	9	1	..			
II.	Diseases of Nervous System	50	24	26	5	1	6	4	3	2	3	13	10	9	18	19	13	50	..	..	..				
III.	Diseases of the Circulatory System	90	55	35	3	..	3	1	1	8	7	3	11	20	36	25	24	41	86	2	..				
IV.	Diseases of the Respiratory System	68	33	33	12	5	17	..	1	3	6	8	7	17	30	14	22	63	1	2	..				
V.	Diseases of the Digestive System	37	27	10	2	2	4	1	1	4	8	4	7	6	5	11	18	8	36	1	..				
VI.	Diseases of the Genito-Urinary System	58	28	30	..	1	1	..	1	14	3	14	9	16	9	11	26	21	58	..	..				
VII.	Childbirth	6	..	6	..	..	..	..	1	..	3	..	..	..	..	..	6	..	..	..	..				
VIII.	Diseases of the Skin	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..				
IX.	Diseases of the Locomotor System	1	1	..	1	..	1	..	..	..	..	..	..	..	1	..	..	1	..	..	..				
X.	Malformations	4	2	2	4	..	4	..	..	..	..	..	..	..	4	..	..	4	..	..	..				
XI.	Early Infancy	30	15	15	30	..	30	..	..	..	..	..	..	..	30	..	..	28	1	1	..				
XII.	Old Age	10	6	4	..	..	4	..	..	..	..	..	..	10	..	..	1	9	10	..	..				
XIII.	Violence	46	41	5	4	..	4	1	3	12	8	8	3	3	4	27	12	7	44	..	1				
XIV.	Ill-Defined Diseases	3	3	..	1	..	1	..	1	..	..	..	..	..	..	2	..	1	..	..	..				
General Diseases																									
(a) Epidemic Diseases																									
1.	Typhoid Fever	3	2	1	..	..	..	..	..	2	1	..	..	..	..	2	1	..	3	..	..				
2.	Typhus, Exanthematic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
3.	Fever, Recurrent	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
4.	Fever, Intermit't and Malarial Cachexia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
5.	Smallpox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
6.	Measles	1	1	..	1	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..				
7.	Scarlatina	2	1	1	1	1	1	..	..	..	..	..	..	..	2	..	..	2	..	..	..				
8.	Whooping Cough	4	1	3	3	1	4	..	..	..	..	..	..	..	4	..	..	2	2	..	..				
9.	Diphtheria	5	3	2	3	3	1	1	..	..	..	..	..	..	5	..	..	4	1	..	..				
9a.	Croup	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
10.	Influenza	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
11.	Miliary Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
12.	Cholera, Asiatic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
13.	Cholera, nostras	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
14.	Dysentery	1	..	1	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..				
15.	Pest (Plague)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
16.	Yellow Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
17.	Leprosy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
18.	Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
19.	Other Epidemic Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
(b) Other General Diseases																									
20.	Purulent Infection and Septicæmia	1	1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..				
21.	Glanders and Farcy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
22.	Malig't Pustule and Charbon (Anthrax)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
23.	Rabies	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
24.	Actinomycosis, Trichinosis, etc	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
25.	Pellagra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
26.	Tuberculosis of Larynx	1	1	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..				
27.	Tuberculosis of Lungs	64	49	15	3	3	..	3	12	17	16	9	2	2	34	21	9	58	4	1	1				
28.	Tuberculous Meningitis	7	1	6	3	2	5	..	2	..	..	..	..	..	6	1	..	7	..	..	..				
29.	Tuberculosis, Abdominal	3	1	2	1	..	1	1	..	1	..	..	..	..	2	1	..	3	..	..	..				
30.	Pott's Disease	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
31.	Tuberculous Abscess	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
32.	White Swelling	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
33.	Tuberculosis of Other Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
34.	Generalized Tuberculosis	2	2	1	..	1	..	..	1	..	..	..	..	..	2	..	..	2	..	..	..				
35.	Scrofula	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
36.	Syphilis	4	3	1	..	..	..	..	1	3	..	..	..	..	..	2	2	3	1	..	..				
37.	Gonorrhea of the Adult	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
38.	Gonorrheal Infections of Children	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
39.	Cancer and Other Malignant Tumors of the Buccal Cavity	2	2	..	..	..	..	..	..	..	..	1	1	..	..	2	..	2	..	..	..				
40.	Cancer and Other Malignant Tumors of the Stomach and Liver	14	10	4	..	..	..	..	..	..	..	5	4	4	1	3	9	2	14	..	..				
41.	Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	4	2	2	..	..	..	..	..	..	..	..	1	1	2	..	2	2	4	..	..				
42.	Cancer and Other Malignant Tumors of the Female Genital Organs	7	..	7	..	..	..	..	..	1	3	1	2	..	..	7	..	7	..	..	..				
43.	Cancer and Other Malignant Tumors of the Breast	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				

CAUSES OF DEATH (International Classification)		Deaths reported during month, Jan., 1909	SEX		AGE BY YEARS									SOCIAL RELATION			COLOR					
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	2	1	1									1	1			2	2				
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	6	4	2						1	2	1		2		1	3	2	6			
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	1	1								1					1		1				
47.	Rheumatism, Acute, Articular.....	3		3				1	1				1		3			3				
48.	Rheumatism, Chronic, and Gout.....	1		1										1		1		1				
49.	Scurvy.....																					
50.	Diabetes.....	3	2	1								1	1	1		1	2	3				
51.	Goitre, Exophthalmic.....																					
52.	Addison's Disease.....	2	2							1		1				2		2				
53.	Leukæmia.....	1		1				1							1			1				
54.	Anæmia, Chlorosis.....																					
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	6	6							1	2	2	1		3	1	2	6				
57.	Lead Poisoning.....																					
58.	Other Professional Intoxications.....																					
59.	Other Chronic Poisonings.....	1	1							1							1	1				
II. Diseases of the Nervous System																						
60.	Encephalitis.....	1	1		1		1								1			1				
61.	Meningitis, Simple.....			1																		
61a.	Meningitis, Epidemic Cerebro-spinal.....	3	2					2	1						3			3				
62.	Locomotor Ataxia, Progressive.....												1	1		1						
63.	Other Diseases of the Spinal Cord.....	2	2										1	3		1	1	2				
64.	Apoplexy Cerebral.....	24	12	12						1	3	6	8	6	5	12	7	24				
65.	Cerebral Softening.....	4	2	2								1	1	2		2	2	4				
66.	Paralysis.....	3	2	1								2	1		1	2	3					
67.	Paralysis, General, of Insane.....																					
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....	3	1	2						1		2			2	1		3				
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....	3	1	2	3		3								3			3				
72.	Tetanus.....																					
73.	Chorea.....	1	1					1							1			1				
74.	Other Diseases of the Nervous System.....	4	1	3	1		1		2			1			1	2	1	4				
75.	Diseases of the Eye and Its Adnexa.....																					
76.	Diseases of the Ear.....	2	2		1	1		1							2			2				
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	1		1	1		1								1			1				
78.	Endocarditis, Acute.....	3	2	1			1			2					1	2		3				
79.	Organic Diseases of the Heart.....	64	42	22	1		1		1	5	5	1	9	15	27	15	15	34	61	2	1	
80.	Angina Pectoris.....	5	4	1					1			1	1	2	1	3	1	5				
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	14	6	8						2	1	4	7	5	3	6	13			1		
82.	Embolism and Thrombosis.....	1		1					1							1		1				
83.	Diseases of the Veins.....																					
84.	Diseases of the Lymphatics.....																					
85.	Hemorrhages.....	2	1	1	1		1		1						2			2				
86.	Other Diseases of the Circulatory System.....																					
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....																					
88.	Diseases of the Larynx.....	1	1									1				1		1				
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	7	3	4	2	2	4							3	4		3	6		1		
91.	Bronchitis, Chronic.....	5	1	4								1	2	2	1	1	3	5				
92.	Broncho-Pneumonia.....	18	7	11	7	3	10					1	2	3	2	10	3	17		1		
93.	Pneumonia.....	32	18	14	3		3			2	5	7	3	2	10	9	11	31	1			
94.	Pleurisy.....	2	2						1	1						2		2				
95.	Pulmonary Congestion and Apoplexy.....																					
96.	Gangrene of the Lung.....	1	1															1				
97.	Asthma.....																					
98.	Pulmonary Emphysema.....																					
99.	Other Diseases of the Respiratory System (Phthisis excepted).....																					

CAUSES OF DEATH (International Classification)		Deaths reported during month Jan., 1909	SEX		AGE BY YEARS								SOCIAL RELATION			COLOR						
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa																					
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach	3	3												2	1		3				
104.	Gastritis	1		1													1	1				
104a	Other Diseases of the Stomach (Cancer excepted)																					
105.	Diarrhoea and Enteritis (under 2 years)	3	2	1	2	1	3								3			3				
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)	6	3	3	1	1	1				1	2		1	2	2	2	6				
107.	Intestinal Parasites																					
108.	Hernia																					
108a	Obstruction of Intestines	1	1										1			1		1				
109.	Other Diseases of the Intestines																					
110.	Acute Yellow Atrophy of Liver	1		1									1			1		1				
111.	Tumors, Hydatid, of the Liver																					
112.	Cirrhosis of the Liver	17	14	3						1	3	3	3	4	3	1	11	5	17			
113.	Biliary Calculi																					
114.	Other Diseases of the Liver	2	2										2		1	1		1	1			
115.	Diseases of the Spleen																					
116.	Peritonitis, Simple (Puerperal excepted)																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
118.	Appendicitis and Abscess of the Iliac Fossa	3	2	1						1		2				2	1		3			
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute	4	3	1		1	1				1		2			1	3		4			
120.	Bright's Disease	42	21	21				1			1	2	10	8	15	9	17	16	42			
121.	Other Diseases of the Kidneys	2		2							2						2		2			
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder	2	2							1					1	1		1	2			
124.	Diseases of the Urethra, Urinary Ab- cess, etc																					
125.	Diseases of the Prostate	2	2										1		1		1	1	2			
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal)																					
129.	Tumors, Uterine (noncancerous)	1		1							1						1		1			
130.	Other Diseases of the Uterus																					
131.	Ovarian Tumors and Cysts	4		4								1		1	2		1	3	4			
132.	Diseases of Tubes	1		1								1		1		1		1				
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth																						
134.	Accidents of Pregnancy	4		4						1	1	2					4		4			
135.	Hemorrhage, Puerperal																					
136.	Other Accidents of Labor																					
137.	Puerperal Septicæmia	1		1							1						1		1			
138.	Puerperal Albuminuria and Convulsions	1		1							1						1		1			
139.	Phlegmasia Alba Dolens Puerperal																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII. Diseases of the Skin																						
142.	Gangrene	1	1												1			1	1			
143.	Carbuncle																					
144.	Abscess																					
145.	Other Diseases of the Skin																					

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Jan., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																						
146.	Diseases of the Bones (nontuberculous).....	1	1		1	1										1			1			
147.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148.	Amputation.....																					
149.	Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																						
150.	Hydrocephalus.....																					
150a.	Congenital Malformation of Heart—Cy- anosis.....	3	1	2	3	3										3			3			
150b.	Other Congenital Malformations.....	1	1		1	1										1			1			
XI. Early Infancy																						
151.	Premature Birth.....	19	8	11	19	19										19			18		1	
151a.	Congenital Debility.....	10	7	3	10	10										10			9	1		
152.	Other Diseases of Early Infancy.....	1		1	1	1										1			1			
153.	Lack of Care.....																					
XII. Old Age																						
154.	Senility.....	10	6	4										10		1	9	10				
XIII. Violence																						
155.	Suicide by Poison.....	5	3	2					1	3				1	1	4		4				
156.	Suicide by Illuminating Gas.....	4	3	1						3	1				2	1	1	4				
157.	Suicide by Hanging or Strangulation....																					
158.	Suicide by Submersion.....																					
159.	Suicide by Firearms.....	4	4						1	1	1			1	4			4				
160.	Suicide by Cutting Instruments.....	2	2						1	1					1	1		2				
161.	Suicide by Jumping from High Places....																					
162.	Suicide by Crushing.....																					
163.	Other Suicides.....																					
164.	Fractures.....	2	2					1	1						1	1		2				
165.	Dislocations.....																					
166.	Accidental Gunshot Wounds.....																					
166a.	Injuries by Machinery.....	1	1						1						1			1				
166b.	Injuries in Mines and Quarries.....																					
166c.	Railroad Accidents and Injuries.....																					
166d.	Street Car Accidents and Injuries.....	7	7						2	1		2	2		3	2	2	7				
166e.	Injuries by Horses and Vehicles.....	2	1	1				1	1						2			2				
166f.	Other Accidental Traumatisms.....	2	2					1						1	1		1	2				
167.	Burns and Scalds.....																					
168.	Burning by Corrosive Substances.....																					
169.	Heat and Sunstroke.....																					
170.	Cold and Freezing.....																					
171.	Electricity.....																					
172.	Accidental Drowning.....	4	4						1	1	1	1			2			3		1		
173.	Starvation, Privation, Etc.....																					
174.	Inhalation of Illuminating Gas (Suicide excepted).....	5	5						2			1	1	1	3	1	1	5				
175.	Other Acute Poisonings.....																					
176.	Suffocation.....	2	1	1	2	2									2			2				
176a.	Injuries at Birth.....	2	2		2	2									2			2				
176b.	Homicide.....	4	4						1	1	2				2	2		4				
176c.	Other External Violence.....																					
XIV. Ill-Defined Diseases																						
177.	Dropsy.....																					
178.	Sudden Death.....																					
179.	Heart Failure.....																					
179a.	Inanition (Over 3 months).....	1	1		1	1									1			1				
179b.	Debility (Over 3 months).....																					
179c.	Marasmus (Over 3 months).....																					
179d.	Fever.....																					
179e.	Other Ill-defined Diseases.....																					
179f.	Unknown.....	2	2						1	1					1		1	2				

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
General Diseases.....	174	165	162	150	163	129	142	130	134	139	153	144
Diseases of Nervous System.....	43	55	64	37	57	50	31	45	42	51	31	46
“ of Circulatory System.....	97	82	106	67	84	73	61	62	62	63	84	73
“ of Respiratory System.....	117	86	83	52	64	52	47	47	42	54	70	80
“ of Digestive System.....	42	38	52	41	29	42	61	55	54	45	45	53
“ of Genito-Urinary System.....	52	37	43	46	31	30	37	48	35	45	48	36
Childbirth.....	9	5	4	5	9	8	6	4	2	6	4	2
Disease of the Skin.....	1	1	1	2	4	1	2	2		1	2	2
“ of Locomotor System.....	.....	1	.....	1	1	.....	5	.....	1	.....	1	1
Malformations.....	2	3	4	1	5	3	8	3	3	4	3	2
Early Infancy.....	17	15	22	18	24	15	23	28	14	26	19	17
Old Age.....	18	6	7	5	9	7	4	7	6	6	15	13
Violence.....	53	57	60	47	61	61	54	54	42	49	41	56
Ill Defined Diseases.....	4	1	5	1	1	10	5	3	10	9	3	3
Total Deaths.....	629	552	613	473	542	481	486	488	447	498	519	528
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
Annual Death Rate per 1,000 inhabitants.....	17.76	15.48	17.28	13.32	15.24	13.56	13.68	13.68	12.60	14.04	14.64	14.76
Under 1 Year.....	53	51	68	51	68	61	93	72	64	62	62	60
1 to 5 Years.....	24	31	26	24	19	16	20	20	16	19	19	27
5 to 70 Years.....	432	353	422	330	378	334	304	306	302	328	349	350
70 and Over.....	120	117	97	68	77	70	69	80	65	89	89	91
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	242	203	215	172	224	216	203	203	178	207	189	189

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553						

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579						

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.											U. S. Institutions				En Route — In Bay — Public Parks, Etc.													
City and County Hospital	Relief Home for Aged Infirm		Central Emergency Hospital	Harbor Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Ferry Boat (Bay)	On Board Ship (Bay)	Golden Gate Park							At Place of Residence.
30	16		15							1	140	5	5	1		3	3				1							3

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries															To Medical Colleges, Etc.				
Calvary Rec. Vault	I. O. O. F. Crenations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U S. Marine Hospital Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Crenations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross.	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead
70	1	1	1	1	9	1	58		1	15	9	226	3	33	1	85	8		12	2	58	4	5	48	651	61

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																						
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total	
36		9	39	1	5				90	10		6		38				3							3	1	11	3	3	1	7	90

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Vaccination Certificates	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.		25	\$18.75 No Fee Charged	
												Certified Copies Death (at 75c. each) Same—For Pension Purposes, Etc.		46 6	34.50 No Fee Charged	
												Permits for Removal of Bodies and Ashes. Same—(at \$10 each)		90	No Fee Charged	
4	6	12	4	2			14	59	14	343	338	Total		167	\$53.25	

Total, 796

Total of all permits, etc., issued, 963

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

To January 31, 1909

	APPROPRIATION	ALLOWANCE JAN.	EXPENDED JAN.	SURPLUS OR DEFICIT FOR JAN.	TOTAL SURPLUS JAN. 31	BALANCE REMAINING
SPECIAL SANITATION	\$11,116.00	\$ 600.00	\$ 705.55	\$ 105.55***	\$ 111.40	\$ 111.40
CENTRAL OFFICE:						
Salaries			5,784.20			
Expenses	80,920.00	6,743.22	1,574.67	615.65***	2,108.65	35,824.75
			\$7,358.87			
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09***	144.84	16,309.43
Expenses	12,000.00	1,000.00	1,058.63	58.63***	1,404.35	6,404.35
CITY AND COUNTY HOSPITAL:						
Salaries			3,478.50			
Expenses	125,000.00	10,416.66	6,987.19*	49.03***	1,045.71	53,129.04
			\$10,465.69			
RELIEF HOME:						
Salaries			5,298.65			
Expenses	165,000.00	13,750.00	10,563.69	2,112.34***	2,925.95	71,675.95
			\$15,862.34			
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			1,375.00
Expenses	3,000.00	250.00	243.94	6.06	187.86	1,437.86
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	435.00			2,175.00
Expenses	5,000.00	416.66	361.63	55.03	367.13	2,450.46
Totals	\$449,406.00	\$37,119.45	\$40,026.65	Surp. \$61.09 Def. 2,968.29	\$8,295.89	\$190,893.24

* \$1,400.72 expended for care of patients in private hospitals.

***In these six instances Special Sanitation, Central Office, Salaries and Expenses Emergency Hospital, Relief Home, and City and County Hospital, the 1-12 allowances for the month were overdrawn, but there was a surplus from previous months and the allowances for the seven months already passed of this fiscal year have not been overdrawn.

The above statement is made upon the amount of the supplies contracted for, and when all bills are filed there will be some change but not a material one, in the above figures.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from Dec.	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	TOTAL	Remaining in Hospital Jan. 31	Agnew	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	9	735	744	414	114	61	40	6	84	1	16	736	8	...	...	...	...	...	...
Harbor.....	...	327	327	296	...	...	10	1	19	1	...	327	...	...	...	...	...	...	...
Potrero.....	...	205	205	199	...	...	1	...	5	...	...	205	...	...	...	...	...	...	...
Park Ambulance Station.....	...	40	40	37	...	...	...	...	3	...	...	40	...	...	...	...	...	...	...
Insane Detention.....	...	64	64	22	...	...	...	...	...	...	...	64	...	...	...	...	17	7	18
Totals.....	9	1371	1380	968	114	61	51	7	111	2	16	1372	8	...	...	...	17	7	18

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from Dec.	Examined for Admission	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES													Average No. Officers and Employees	
						DISCHARGED										Died	TOTAL	Remaining in Hospital Jan. 31		Average Number Patients During Month
						As Cured	As Improved	As Unimproved	At Own Request	To Other Hospitals	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission					
371	..	..	168	..	539	70	48	10	2	1	3	..	1	1	7	31	174	365	369.5	104

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from Dec.	Admitted	TOTAL	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Remaining in Home Jan. 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1298	62	1360	15	..	1	10	1	1	16	44	1316	39	51	663	796	85	550	96	38

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. remaining from Dec....	6	..	15	..	..	..
No. admitted.....	4	10	1	16	..	..
No. discharged.....	..	10	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining Jan. 31.....	..	..	..	16	..	..
No. diagnostic visits.....	80	..	..	..	..	..
No. necropsies performed...	..	..	..	..	3	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	213	..
Visits to patients.....	47	..
Sent to City and County hospital.....	13	..
Visits to jails.....	10	..
Patients in jail.....	117	..
Visits to prisons.....	17	..
Patients in prison.....	220	..
No. of vaccinations.....	338	..
Special visits.....	7	..
Hospitals inspected.....	4	..

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations
G. D. Culver, M.D.....	..	1	1	..	..	..	1	1	1	104	17	122	18	20	1	40	..	120	5	5	11	11	7	240	..
H. L. Curtis, M.D.	..	8	8	4	2	..	2	8	8	63	226	297	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	1	8	9	5	2	2	..	9	8	70	75	153	19	11	3	40	2	65	4	17	15	16	8	202	3
F. C. Muller, M.D.....	..	8	8	3	4	..	1	8	9	108	..	117	16	16	..	41	..	87	4	15	16	43	7	252	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	1	25	26	12	8	2	4	26	26	345	318	689	53	47	4	121	2	272	13	37	42	70	22	694	3

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Glanders 4
Erysipelas 7

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
44	65	6	68	..	1	..	3	8	195	357	489,520	5,942	330	192	30		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakery:	Butcher Shops	Wharves	Miscellaneous
P. Lydon	156.		1.	145.		7.	3.								
F. Murphy	155.		22.			77.		55.							1.
Totals	311		23.	145		84	3	55							1.

Condemnations and Seizures

[illegible]

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE									ARRESTS MADE						
	No. of Dairies Inspected	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum.....	4	79	83	11	1	..	..	50	1	..	1	1	..	..	1	..
E. B. O'Connor.....	1	89	90	230	..	..	..	32	..	..	..	..	..	..	..	..
Totals.....	5	168	173	241	1	..	..	82	1	..	1	1	..	..	1	..

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								*ARRESTS MADE						
										Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.							
W. E. Lendrum*.....	275	22	5	248	..	..	..	..	..	..	12	12	12	\$ 35	..	..
T. P. Lydon	68	42	4	..	4	3	14	..	1	5	2	13	5	95	..	8
E. F. Murphy	61	..	5	..	10	..	10	6	1	3	3	6	3	100	..	3
E. B. O'Connor	36	26	9	..	..	1	..	..	..	..	..	..	..	..	..	..
Total.....	440	90	23	248	14	4	24	6	2	8	13	21	10	\$230	..	11

*Condemned 340 gallons milk.

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	...	173	182	31	52	232	670	50000	500	1143	2500	700	500	3600
S. J. Campbell.....	390	20	...	..	....	....	410	.....	4255	1400	9184	13237	10965	.....
W. H. Jordan.....	377	...	...	..	....	....	377	.....	4255	1400	6000	13237	10965	.....
T. McEnroe.....	...	191	288	44	....	231	754	.....	527	1593	675	960	872	5140
John Regan.....	32	528	...	40	30	...	630	10000	1950	924	3656	2670	2590	7329
Totals	799	912	470	115	82	463	2851	60000	11487	6460	22015	37104	25392	16009

Condemnations and Seizures

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....	1100	.....	15	...	...	...	373	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	900	85	100	48	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	7600	101	51	45	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	.....	11	...	...	...	352	2	14	3	.....	.....	.....	.....	.....	.....
John Regan .....	.....	4800	31	2	.....	2	14	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	1100	13300	243	153	93	28	739	2	14	3	.....	.....	.....	.....	.....	.....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8155	3080	19737	16165	9184
Supplied from Outside of City..	3559	3468	3487	3483	3367
Totals.....	11714	6548	23224	19648	12551

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	142	133	9	1	5	3	12	..	9	..
Bath Houses.....	6	6	..	..	..	..	..	..	..	..
Laundries.....	65	61	4	..	2	2	6	..	4	..
Garment and Shoe Factories.....	3	3	..	..	..	..	..	..	..	..
Car Factories.....	24	18	6	..	4	1	6	1	4	..
Restaurants.....	81	72	9	..	9	..	..	..	2	..
Fruit Markets.....	12	12	..	..	..	..	..	..	..	..
Candy Factories.....	13	12	1	..	..	1	3	..	2	..
Miscellaneous and Canneries.....	5	5	..	..	..	..	..	..	..	..
Stables and Manure Wagons.....	2	2	..	..	..	..	..	..	..	..
Scavenger Wagons.....	58	58	..	..	..	..	..	..	..	..
Sill Wagons.....	14	14	..	..	..	..	..	..	..	..
Totals.....	425	396	29	1	20	7	29	1	21	..

HY. D. MILLER, Inspector

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY						
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
J. Farrell(Chief).....	129	113	4	246	129	10320	2580	129	2	1	3	..	2	2	2	..	..	..	..
D. Hobro, Jr.....	151	52	37	240	151	12080	7550	52	26	5	31	13	26	39	23	1	5	10	26
R. Murphy.....	56	51	44	154	56	4480	4320	54	63	32	95	25	63	88	27	5	7	49	56
Mulligan.....	124	146	59	329	124	9000	1500	146	27	24	51	10	27	37	24	1	9	3	17
Robertson.....	117	45	24	186	117	9360	5850	45	17	22	39	3	17	20	16	..	2	2	17
E. Sweeney.....	73	42	9	124	73	5840	3020	42	9	13	22	4	9	13	5	2	2	4	9
Totals.....	650	452	177	1279	650	51080	24820	468	144	97	241	55	144	199	97	9	25	68	125

Number of Plans submitted.....103
Number of Buildings represented... 115
Permits granted for repair work..... 51

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
57	25	30	35	10	8	16	1	3	5

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
2	3	5	2	\$15.	3	.....

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condemned by taking up under New Ordinance	Total		
Wellings.....	9	2	11	50	7	2	59	8	9	2	19	17	22
Tables.....	21	7	28	110	11	10	131	17	2	4	23	48	60
Miscellaneous.....	4	2	6	26	3	1	30	3	1	..	1	10	16
Total.....	34	11	45	186	21	13	220	28	12	6	46	75	98

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN, JULIETTE VON BENZON, KATHERINE WYNNE, (Graduate Nurses), Assistants

Report on 19 Schools enrolling 8778 pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....202
No. visits to homes.....134

TOTAL VISITS.....336

113 children excluded on account of following named diseases:

Diphtheria.....	4	Acute Tonsilitis	8
Scarlet Fever.....	1	Contagious Skin Diseases.....	24
Chicken Pox		Pediculosis.....	12
Measles.....	44	Trachoma	1
Mumps.....	15	Chorea.....	1
Whooping Cough.....	3		

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	62	No. cases treated by operation.....	8
“ “ requiring medical attention.....	166	“ “ “ without operation.....	7
“ “ poorly nourished.....	16	“ “ “ by nurses in schools.....	352
“ “ affected with pediculosis.....	111	“ “ reported to societies.....	3
“ “ “ “ contagious skin diseases.....	49		

VACCINATION REPORT

Number found to be not vaccinated	969	Of this number 422 have since been vaccinated or	44.3%
Number remaining to be vaccinated, 547 or 6.4% of total enrollment.		Number excluded on account of non-vaccination.....	18

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	44	90	3	137
Sputum (for Tuberculosis).....	8	14	..	22
Sputum (for Pneumonia)	..	..	..	..
Diazo Reactions	..	..	..	..
Widal Reactions.....	1	3	..	4
Water	..	..	..	12
Other Examinations.....	..	..	..	4
Milk	..	..	..	171
Disinfectants	..	..	..	16
Total Examinations.....	53	107	3	366

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME	RESULT
Stomach.....	Coroner.....	Marion J. Schlundt.....	No poison present
Stomach.....	Coroner.....	Geo. Hanton	Bichloride of Mercury present
Stomach.....	Coroner.....	Michael Gardiner.....	No poison present
Stomach.....	Coroner.....	Garrett Butler.....	No poison present
Stomach.....	Coroner.....	Emil Garnjost	Strychnine present
Evidence.....	Coroner.....	Same	No poison present
Stomach.....	Coroner.....	John Doe	No poison present
Stomach.....	Coroner.....	M. J. Kennedy.....	No poison present
Stomach.....	Coroner.....	Della Bingham	No poison present
Milks 7	City Chemist.....		Reported

Total number of samples analyzed during month, 16

CHEMICAL LABORATORY

C. W. BEAVER,
Chief Chemist

C. F. HOYT,
R. A. JONES,
Asst. Chemists

The work of the Chemical Laboratory during the month of January consisted of the analysis of 518 samples of milk and 11 samples of water. Total number of analyses, 529.

MILK

Samples taken from milk wagons.....	153	Below standard.....	5
Samples taken from shippers.....	278	Below standard.....	4
Samples taken from milk depots.....	18	Below standard.....	1
Samples taken from restaurants.....	24	Below standard.....	12
Samples taken from stores.....	25	Below standard.....	8
Samples taken from bakeries.....	6	Below standard.....	5
Samples taken from public institutions.....	11	Below standard.....	4
Samples taken from private individuals.....	3	Below standard.....	0
Total number of samples analyzed.....	518	Total number below standard.....	39

Percentage below standard, 7.53

Samples sufficiently below standard to warrant arrest, 24

Standard, 3% milk fat and 8.5% solids not fat

Warrants for arrest were issued for the following:

NAME	Milk Fats	Solids not Fat	Added Substance
W. S. Voy, 7 Guerrero St. (bakery).....	.....	0.78	Water
A. Romer, 1162 McAllister St. (Epicurean Catering Co.).....	0.3	.....	.....
Simos & Trygonis, 1096 McAllister St.....	0.15	0.65	Water
Baggiani & Bianchi, 1502 Dupont St. (grocery).....	.....	0.65	Water
L. Lombardi, 423 Union St. (grocery).....	.....	0.64	Water
G. Figear, 715 Broadway, (fruit store).....	0.3	.....	.....
N. Ferro & Co., 1429 Dupont St. (bakery).....	.....	0.66	Water
A. Carbelli, 1301 Kearny St. (grocery).....	.....	0.44	.....
M. Fagundes, Brickyard.....	0.8	.....	.....
Central Milk Co., 21st and Folsom Sts.....	0.5	.....	.....
F. Soares, San Mateo.....	.....	1.08	Water
A. Bachmann, 874 Valencia St. (bakery).....	0.4	.....	.....
Mrs. M. Beaumont, 1217 Valencia St. (bakery).....	0.85	.....	Water
Silvera & Serpa, 2973 16th St. (milk depot).....	0.9	1.01	Water
Geo. Panusos, 3689 18th St. (grocery).....	.....	0.87	Water
J. Kooy, 754 Howard St. (restaurant).....	.....	2.98	Water
Theo. Prepoutes, 84 9th St. (restaurant).....	.....	1.09	Water
Nick Glaffkides, 205 9th St. (restaurant).....	.....	1.05	Water
C. Sowers, 204 9th St. (restaurant).....	.....	1.27	Water
H. Moehlenbrock, 1901 Howard St. (grocery).....	0.9	0.07	.....
J. E. Green, 1477 15th St. (grocery).....	0.6	.....	.....
N. S. Vard, 1836 Fillmore St. (restaurant).....	.....	1.34	Water
O. Diehl, 2108 Fillmore St. (restaurant).....	0.4	1.89	Water
J. W. Fuller, 4 11th St. (restaurant).....	0.7	.....	.....

COURT WORK (MILK CASES)

Cases in Court.....	21	Convictions.....	10
Cases carried over.....	11	Dismissals.....	0
Total amount of fines.....	\$230	Average fine.....	\$23

WATER

Sanitary analysis was made of 11 samples of water taken from the properties of the Spring Valley Water Company. The table of analytical results is given below:

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

LAB. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		
				265	88	177	27	0.0004	0.318	0.028	0.123	3	The average of the analyses of 78 samples of water taken from the City distributing reservoirs at intervals of 1 month during the year 1907-08.
496	Francisco Street Reservoir....	Jan. 19	Clear.....	315	95	220	24	0.0	1.29	0.034	0.128	3	Sample taken 5 ft. below surface
497	Clarendon Heights Tank.....	Jan. 19	Clear.....	307	75	232	22	0.0	1.742	0.018	0.094	3	Sample taken 5 ft. below surface
498	Lombard Street Reservoir....	Jan. 19	Slight turbidity	197	55	142	29	0.0	0.418	0.022	0.132	4	Sample taken 5 ft. below surface
499	Potrero Heights Reservoir....	Jan. 19	Clear.....	320	104	216	22	0.0	1.76	0.008	0.090	3	Sample taken 3 ft. below surface
500	Clay Street Tank.....	Jan. 19	Clear.....	311	115	196	27	0.0	0.44	0.008	0.090	3	Sample taken 5 ft. below surface
501	Presidio Heights Tank.....	Jan. 19	Clear.....	310	90	220	25	0.0	1.1	0.008	0.096	3	Sample taken 5 ft. below surface
502	College Hill Reservoir.....	Jan. 20	Turbid.....	165	55	110	21	0.0	0.264	0.016	0.112	4	Sample taken 5 ft. below surface
503	University Mound Reservoir..	Jan. 20	Clear.....	277	70	207	20	0.001	1.76	0.018	0.080	2	Sample taken 4 ft. below surface
504	Lake Honda Reservoir.....	Jan. 20	Slight turbidity	182	52	130	30	0.0	0.190	0.030	0.126	4	Sample taken 5 ft. below surface
505	South Lake Merced.....	Jan. 20	Turbid.....	300	60	240	60	0.0	0.088	0.044	0.306	5	Sample taken 5 ft. below surface
506	North Lake Merced.....	Jan. 20	Turbid.....	290	65	225	63	0.0	0.054	0.034	0.342	6	Sample taken 5 ft. below surface

RECORD OF ARRESTS

ARRESTED 1908	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
June 13	Frank Grannucci..	Maintaining a nuisance	Miller.....	Weller...	Cont'd to Jan. 13, restrained by Superior Court.....	
June 17	Frank Marty.....	State Milk Law	Murphy.....	Weller...	Cont'd to Feb. 5, illness of defendant.....	
July 27	Ed. Green.....	State Milk Law	Lydon.....	Conlan...	Cont'd to Feb. 13, illness of judge	
Aug. 20	Ed. Green.....	State Milk Law	Lydon.....	Conlan...	Cont'd to Feb. 13, illness of judge	
Nov. 30	Peter Krone.....	State Milk Law	Lydon.....	Conlan...	Cont'd to Feb. 13, illness of judge	
Dec. 9	W. O. Weissich....	Vio. Ordinance 822	Curtis.....	Conlan...	Cont'd to Feb. 1, illness of judge.	
1909 Jan. 4	John Alvis.....	Vio. Ordinance 229	Lendrum.....	Deasy....	.....	Found guilty and fined \$25.00, Jan. 6.
Jan. 8	Geo. Verderber....	Vio. Ordinance 615	Hobro.....	Deasy....	.....	Found guilty and fined \$5.00, Jan. 9.
Jan. 8	S. Lehman.....	Maintaining a nuisance.	Pryor.....	Conlan...	.....	Nuisance abated, case dismissed, Jan. 19.
Jan. 15	E. Trygonis.....	State Milk Law	Lydon.....	Deasy....	.....	Found guilty and fined \$25.00, Jan. 16.
Jan. 15	R. Romer.....	State Milk Law	Lydon.....	Deasy....	.....	Found guilty and fined \$10.00, Jan. 18.
Jan. 18	Angelo Curbello...	State Milk Law	E. F. Murphy.	Shortall..	.....	Found guilty and fined \$25.00, Jan. 19.
Jan. 18	Lorenzi Lombardi .	State Milk Law	Lydon.....	Deasy....	Cont'd to Feb. 2, demanded a jury trial.....	
Jan. 18	Mike Baggani.....	State Milk Law	Lydon.....	Deasy....	Cont'd to Feb. 3, demanded a jury trial.....	
Jan. 18	Ernest Figeae.....	State Milk Law	Lydon.....	Deasy....	.....	Found guilty and fined \$10.00, Jan. 22.
Jan. 18	Antone Basso.....	Vio. Ordinance 1273 ...	Lendrum.....	Deasy....	.....	Nuisance abated, case dismissed, Jan. 30.
Jan. 19	Philip Heim.....	Maintaining a nuisance.	H. R. Murphy	Deasy....	.....	Nuisance abated, case dismissed, Jan. 20.
Jan. 20	Jacob Kugal.....	Maintaining a nuisance.	H. R. Murphy	Deasy....	.....	Nuisance abated, case dismissed, Jan. 21.
Jan. 21	Nino Ferro.....	State Milk Law	E. F. Murphy.	Shortall..	Cont'd to Feb. 4, demanded a jury trial.....	
Jan. 28	Frank Marty.....	State Milk Law	Lydon.....	Shortall..	Cont'd to Feb. 2, illness of defendant.....	
Jan. 28	Frank Marty.....	State Milk Law	Lydon.....	Weller...	Cont'd to Feb. 5, illness of defendant.....	
Jan. 28	Frank Marty.....	State Milk Law	Lydon.....	Conlan...	Cont'd to Feb. 5, illness of defendant.....	
Jan. 28	Frank Marty.....	State Milk Law	E. F. Murphy.	Weller...	Cont'd to Feb. 5, illness of defendant.....	
Jan. 28	Manuel Fagundes .	Vio. Ordinance 229	Lendrum.....	Deasy....	.....	Found guilty and fined \$10.00, Jan. 29.

SUMMARY

Total number of arrests made (Month of January)	18	
Total number of convictions.....		7
Total number of dismissals.....		4
Total number of cases pending... (January cases)		7
		18
Amount in fines... (January arrests)	\$110.00	
Cases pending from previous month.....		6

MATTHEW TIERNEY, Police Officer

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of January, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM		TOTAL DAILY MOTION		
											VEL.	DIREC.			
1.....	29.92	29.94	57	49	8	53	48	53	87	91	18	SE	263	.18	Cloudy
2.....	29.96	29.98	59	52	7	56	50	50	87	79	17	S	260	.23	Cloudy
3.....	30.10	30.17	58	50	8	54	52	48	90	73	18	SW	122	.04	Part Cloudy
4.....	30.13	30.04	53	47	6	50	46	48	91	87	7	N	68	.04	Cloudy
5.....	29.86	29.72	59	49	10	54	47	46	84	64	30	S	187	.39	Cloudy
6.....	29.86	30.05	58	50	8	54	50	49	92	76	16	SW	204	.15	Part Cloudy
7.....	30.04	29.93	55	51	4	53	51	50	95	85	21	S	270	.02	Cloudy
8.....	29.76	29.75	58	51	7	54	54	50	99	77	36	SW	473	.81	Cloudy
9.....	29.86	30.13	54	43	11	48	40	33	73	54	18	SW	167	.04	Clear
10.....	30.26	30.24	50	40	10	45	29	25	62	40	12	E	151	0	Clear
11.....	30.20	30.02	45	39	6	42	26	38	52	85	14	E	180	.29	Cloudy
12.....	29.80	29.70	56	38	18	47	39	44	88	100	20	SW	166	.62	Cloudy
13.....	29.62	29.71	58	55	3	56	55	56	99	97	29	W	457	.75	Cloudy
14.....	29.88	30.04	60	56	4	58	55	56	91	94	44	SW	504	.77	Cloudy
15.....	30.12	30.18	60	56	4	58	55	55	93	91	22	S	329	.68	Cloudy
16.....	30.20	30.23	59	54	5	56	56	57	99	94	10	S	153	.58	Cloudy
17.....	30.21	30.22	60	53	7	56	53	54	97	94	17	NW	128	.03	Cloudy
18.....	30.23	30.20	56	51	5	54	53	52	99	97	7	S	70	0	Cloudy
19.....	30.11	30.06	57	51	6	54	51	54	100	100	18	SW	159	1.24	Cloudy
20.....	29.99	29.69	60	53	7	56	54	56	99	91	48	SW	353	.65	Cloudy
21.....	29.56	29.63	58	48	10	53	55	41	99	68	45	SW	353	.20	Cloudy
22.....	29.62	29.76	50	42	8	46	38	37	77	66	19	SW	160	.21	Part Cloudy
23.....	29.96	30.04	48	42	6	45	36	37	73	69	22	SW	247	.10	Cloudy
24.....	29.86	29.84	47	43	4	45	39	40	77	85	29	S	376	.93	Cloudy
25.....	29.90	29.81	48	44	4	46	42	43	86	89	39	SE	559	.82	Cloudy
26.....	29.95	29.94	53	45	8	49	43	45	88	83	15	SE	150	.02	Cloudy
27.....	29.97	30.07	55	46	9	50	44	45	93	75	10	W	99	0	Part Cloudy
28.....	30.19	30.17	57	44	13	50	45	44	98	70	8	S	108	0	Part Cloudy
29.....	30.10	29.96	56	44	12	50	44	45	93	70	26	SW	157	0	Part Cloudy
30.....	29.81	29.98	55	46	9	50	45	44	97	72	30	SE	308	.62	Cloudy
31.....	30.07	30.13	56	48	8	52	45	44	89	62	24	SW	323	.10	Cloudy
MEANS....	29.971	29.978	55.3	47.7	7.6	51.4	46.5	46.5	88.6	79.9	48	SW	7504 242.1 10.1	10.51	Clear..... 2 Part Cloudy..... 6 Cloudy..... 23

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF FEBRUARY, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

CURTIS HILLYER

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of February, 1909	531
Less Deaths of children under one week of age	16
Non-residents	13
Deaths by violence	51 80 451
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 11.38

DEATHS BY SEX		BY COLOR	
Males	339	White	509
Females	192	Chinese	14
		Japanese	4
		Black	4
BY SOCIAL CONDITION		BY NATIVITY	
Single	211	San Francisco	103
Married	174	Other parts of California	53
Widowed	120	Other States	117
Divorced	4	Foreign Countries	235
Unknown	22	Unknown	23
Still births registered (not included in mortality tables): Males, 23; Females, 13. Total, 36			

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Other	Unascertained	Anglo Saxon	Latin	Others
507	285	222	494	3	9	1	7	..	225	9	2	37	43	..	8	10	18	41	3	48	6	57

Annual Birth Rate per 1,000 Inhabitants	12.72
Marriage licenses issued	301

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of February, 1909

There were 21 fewer deaths registered this month than in the corresponding month of last year. The rate for February, 1908, was 13.32; for this month it shows 11.38. The following table will show the difference between 1908 and 1909

DEATHS FROM	FEBRUARY 1908	FEBRUARY 1909
Tuberculosis.....	82	55
Pneumonia, Lobar.....	47	23
Pneumonia, Broncho.....	23	14
Organic Heart Diseases.....	63	68
Bright's Disease.....	28	39
Diseases Digestive System.....	38	37
Typhoid Fever.....	4	3
Diphtheria.....	11	6
Influenza.....	4	0

Deaths from tuberculosis show a decrease of 33½%; from lobar pneumonia, 50%; diphtheria, 50%. These figures indicate a marked improvement in health conditions.

BIRTHS

Five hundred and seven births were registered this month, as against 397 in February, 1908; an increase over last year of 110 for the month, or 27%. The registration of births shows a healthy increase over corresponding months of previous years; for illustration, during February, 1906, 490 were registered; in 1907, 378; in 1908, 397.

CONTAGIOUS DISEASES REPORTED

The following contagious diseases were reported during the month as compared with February 1908.

DISEASES	NO. OF CASES FEB. 1908	NO. OF CASES FEB. 1909
Diphtheria.....	89	54
Scarlet Fever.....	24	25
Smallpox.....	22	8
Measles.....	68	348
Whooping Cough.....	3	20
Mumps.....	3	75
Chicken-pox.....	22	61
Cerebro Spinal Meningitis.....	6	4
Pneumonia.....	46	23
Tuberculosis.....	90	112
Typhoid Fever.....	5	6

The apparent increase in the number of cases of measles, whooping cough, mumps, chicken-pox and tuberculosis is an indication that physicians are observing the law with regard to the reporting of these cases. A strict supervision is maintained with regard to the enforcement of this law and a check system has been inaugurated, whereby it is possible to locate those who may be lax in this regard.

DIVISION OF FUMIGATION

The disinfectors during the month fumigated 289 rooms or a total of 367,750 cubic feet.; 4182 ounces of Formalin, 549 pounds of sulphur and 64 ounces of crude carbolic acid was used in this work; 44 test plates were also placed.

Beginning with the month of March it will be made a part of the duty of the Sanitary Inspector to re-inspect quarantined premises where a contagious disease has existed and where disinfection is necessary, and he must specify in detail the method to be used, i. e., sulphur or formalin, and that portion of the premises to be fumigated. The object of this is to enhance the value of fumigation as far as possible and also to avoid the oft-met with request to do only a "closet." This method will be an improvement, as the disinfectors, who are laymen, must rely upon the Sanitary Inspectors, who are physicians, as to what constitutes a thorough fumigation.

SCHOOL MEDICAL INSPECTION

Nineteen schools have been visited; enrolling 10,370 pupils, 190 visits were made to schools and 248 to homes; 171 children were excluded from school on account of the following named diseases

NATURE OF DISEASE	NO. EXCLUDED
Diphtheria.....	5
Scarlet Fever.....	3
Chicken -pox.....	3
Measles.....	43
Whooping Cough.....	4
Acute Tonsilitis.....	9
Contagious Skin Diseases.....	20
Pediculosis.....	82
Miscellaneous.....	1

Ninety-six children were re-admitted to school after treatment; 85 were found requiring medical attention; 50 cases were referred for treatment by physician, and 330 treatments were administered by nurses in school; 9 cases were reported to various societies.

During the month 700 children were found who had not been successfully vaccinated, of which number 198 since submitted to this operation; 28 children were excluded from school on account of non-vaccination.

SANITARY INSPECTION

Eighty-seven contagious disease placards were posted during this month; 649 cases of non-quarantinable diseases investigated, and 743 quarantine inspections made; 176 special inspections were made on nuisance complaints, and 281 re-inspections of the same class; 10 vaccinations were also performed.

FOOD AND MARKET INSPECTION

Ninety-nine inspections were made by the Food Inspectors, and 2,600 pounds of fish were condemned and destroyed. These inspectors were detailed practically the entire month on milk work for the laboratories. Considerable of their time has also been given to the work of examining supplies to be sent to the City and County Hospital and Relief Home. This will in a measure account for the apparent falling off in the number of inspections made as compared to last month.

The Market Inspection Corps are credited with 2,574 inspections; 6,800 pounds fish, 11,755 beeves, 5,595 calves, 17,409 hogs, 26,254 sheep, 25,244 lambs, and poultry to the number of 124,892 were passed upon by this corps; 6,500 pounds of fish, 11,850 pounds beef, 135 sheep, 47 lambs, 31 hogs, 709 chickens were condemned and destroyed. In addition to this 304 calves, of which 212 were classed as "slunk", were destroyed at abattoirs in butchertown.

Owing to rigid inspection of the small plants around Colma, in San Mateo County, which plants confine their operations to the killing of decrepit dairy cattle, they have been forced to abandon this trade. One of the largest operators in this field brought all his stock, consisting of 16 dairy cows, to Butchertown during the past month; nine of these being afflicted with tuberculosis were condemned on inspection.

DAIRY AND MILK INSPECTION

Seventy-six dairies, 85 depots and 8,075 cows were inspected by this force during the month; 12 cows were placed under quarantine; 13 were condemned and killed; 86 milk cans were condemned as unfit for use; 278 samples of milk were taken for chemical analysis, these coming from various sources, such as milk wagons, depots, dairies, grocery stores, restaurants, delicatessen stores, etc.; 56 arrests were made during the month and fines to the amount of \$775.00 imposed.

No samples were taken at the various depots and ferries owing to the fact that at the close of January, the Department had carefully completed examinations of all milk brought in, and found same with but three or four exceptions so far beyond the standard required by law, that it was deemed expedient to test this same product in the various restaurants, stores and delivery wagons with the following results:—

Of the 141 samples taken from restaurants, 60 were found below standard with the result that 45 offenders were arrested. Of the 95 milk wagons sampled, 12 were found below standard; result, 4 arrests. Of the 31 stores and bakeries only 4 were found below standard; all of these offenders were also arrested.

The two dairy inspectors were assigned to duty with the Chief Dairy Inspector and devoted their entire time to the sanitation of dairies in this county, prior to the beginning of the field work outlined by the Board for dairies outside of the county, which will have to conform with the recently enacted dairy ordinance which became operative on February 26.

A new stimulus has been given to this work through the efforts of the Chief Dairy Inspector, who has brought to this Division not only the knowledge of veterinary science but also that of practical dairying and the production of milk.

INDUSTRIAL AND PLUMBING INSPECTIONS

In the Division of Industrial Inspection a total of 411 inspections were made, including bakeries, bath-houses, laundries, garment and shoe factories, cigar factories, restaurants, candy factories, etc.; 117 scavenger, swill and manure wagons were passed upon before permits were granted for use of same. To this Division has been assigned the duty of inspection of car barns and street cars, in order that these public carriers may be kept clean and sanitary. A police officer has been detailed to assist in this work, and the result has been that there is a decided improvement in the condition of the street cars operating in this city.

The various street railroad companies were served with notice to broom-clean their cars daily and disinfect same once each week with a solution of formalin, or one of the various phenol compounds.

The Plumbing Division made 12,041 inspections on buildings in course of construction; 14,052 inspections on nuisance complaints; 66 nuisances were marked abated; 159 notices were served; 148 plans were submitted, number of buildings represented being 162. Permits issued for repair work, 54.

BOARD ACTIONS

Twenty new cases of insanitary premises were brought before the Board for condemnation proceedings. Final action was taken in 10 cases postponed from previous months; 25 insanitary premises were condemned. Nuisances were declared abated as follows

By repair.....	19
By demolition.....	15
Re-condemned under new ordinance.....	1
Cases in process of abatement.....	61

DIVISION OF LABORATORIES

In the Chemical Laboratory 286 samples of milk were examined; 77 were found below standard, 57 of these sufficiently so to warrant arrest; 22 samples of drinking water from the Spring Valley reservoirs and 1 sample of well water were also analyzed.

A full detailed report of the work of this Division is contained under its appropriate heading.

The Bacteriologist made 311 examinations as follows

Diphtheria.....	143
Tuberculosis (sputum).....	30
Widal reaction (blood).....	5
Milk.....	90
Water.....	23
Fumigation.....	19
Other examinations.....	1

ARRESTS

During the month 59 arrests were made, nearly all of these for violation of State Milk Law; 31 convictions were obtained. There were 15 dismissals and 3 cases are still pending. The total amount of fines imposed during this month was \$825.00.

HOSPITAL WORK

Lack of space prevents giving a summary of the work of the different hospitals and institutions under the control of this Department, and attention is directed to page 11 of this report for a full detailed account of the very important work performed by these different institutions. Also report of the City Physician. Full tabulated reports of the work performed in all the branches and divisions of this Department will be found elsewhere under their appropriate headings.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month Feb., 1909	SEX		AGE BY YEARS														SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African			
DEATHS FROM ALL CAUSES	531	339	192	63	26	89	13	12	40	60	78	70	68	101	211	174	146	509	14	4	4			
I. General Diseases	143	97	46	11	6	17	7	5	16	23	22	22	17	14	64	52	27	134	7	...	...			
II. Diseases of Nervous System	46	31	15	2	2	4	3	1	3	1	5	7	7	15	14	23	9	45	1	...	...			
III. Diseases of the Circulatory System	92	59	33	1	1	1	1	2	4	19	14	19	32	21	34	37	89	2	1	...	...			
IV. Diseases of the Respiratory System	59	39	20	13	10	23	1	...	3	6	3	6	8	9	31	13	15	55	2	1	1			
V. Diseases of the Digestive System	37	15	22	7	5	12	1	1	...	8	2	6	5	2	21	9	7	37	...	...	...			
VI. Diseases of the Genito-Urinary System	50	29	21	...	1	1	1	2	6	8	10	11	11	11	16	23	48	1	...	1	...			
VII. Childbirth	6	...	6	...	...	...	...	5	1	...	...	...	...	...	6	...	6	...	...	...	...			
VIII. Diseases of the Skin	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...			
IX. Diseases of the Locomotor System	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
X. Malformations	1	1	...	1	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...			
XI. Early Infancy	29	21	8	29	...	29	...	...	...	...	...	...	...	29	...	...	27	1	1	...	...			
XII. Old Age	16	6	10	...	...	...	...	...	...	...	...	...	...	15	2	3	11	16	...	...	...			
XIII. Violence	51	40	11	...	1	1	1	3	9	11	19	5	...	2	17	18	16	50	...	1	...			
XIV. Ill-Defined Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
General Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
(a) Epidemic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
1. Typhoid Fever	3	2	1	...	...	...	1	...	2	...	...	...	...	...	3	...	...	3	...	...	...			
2. Typhus, Exanthematic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
3. Fever, Recurrent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
4. Fever, Intermittent and Malarial Cachexia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
5. Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
6. Measles	4	2	2	1	2	3	1	...	...	...	...	...	...	...	4	...	...	4	...	...	...			
7. Scarletina	1	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...			
8. Whooping Cough	3	1	2	3	...	3	...	...	...	...	...	...	...	...	3	...	...	3	...	...	...			
9. Diphtheria	6	4	2	...	1	1	3	2	...	...	...	...	...	...	6	...	...	6	...	...	...			
9a. Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
10. Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
11. Miliary Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
12. Cholera, Asiatic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
13. Cholera, nostras	1	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...			
14. Dysentery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
15. Pest (Plague)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
16. Yellow Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
17. Leprosy	1	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	1	...	...	...			
18. Erysipelas	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...			
19. Other Epidemic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
(b) Other General Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
20. Purulent Infection and Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
21. Glanders and Farcy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
22. Malignant Pustule and Charbon (Anthrax)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
23. Rabies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
24. Actinomycosis, Trichinosis, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
25. Pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
26. Tuberculosis of Larynx	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...			
27. Tuberculosis of Lungs	55	41	14	...	1	1	...	1	10	15	13	6	4	5	26	22	7	50	4	...	1			
28. Tuberculous Meningitis	5	4	1	3	1	4	...	1	...	...	...	...	...	...	5	...	...	5	...	...	...			
29. Tuberculosis, Abdominal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
30. Pott's Disease	1	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...			
31. Tuberculous Abscess	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
32. White Swelling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
33. Tuberculosis of Other Organs	1	1	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...			
34. Generalized Tuberculosis	2	1	1	2	...	2	...	...	...	...	...	...	...	...	2	...	...	1	...	...	1			
35. Scrofula	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
36. Syphilis	3	3	...	2	...	2	...	...	...	...	1	...	...	...	3	...	...	3	...	...	...			
37. Gonorrhea of the Adult	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
38. Gonorrheal Infections of Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
39. Cancer and Other Malignant Tumors of the Buccal Cavity	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	...	...			
40. Cancer and Other Malignant Tumors of the Stomach and Liver	20	12	8	...	...	...	...	...	...	2	4	8	4	2	...	9	11	19	1	...	...			
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	4	3	1	...	...	...	...	...	...	...	...	1	1	2	...	3	1	4	...	...	...			
42. Cancer and Other Malignant Tumors of the Female Genital Organs	1	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...			
43. Cancer and Other Malignant Tumors of the Breast	5	...	5	...	...	...	...	...	...	2	1	...	2	...	3	2	5	...	...	...	...			

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, Feb., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	1		1									1				1	1			
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.....	7	6	1					1	1	1		3	1	3	4		7			
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																				
47.	Rheumatism, Acute, Articular.....	3	2	1					1	1		1			2		1	2	1		
48.	Rheumatism, Chronic, and Gout.....																				
49.	Scurvy.....																				
50.	Diabetes.....	2	2									1	1		2		2				
51.	Goitre, Exophthalmic.....	1		1							1				1		1				
52.	Addison's Disease.....																				
53.	Leukemia.....																				
54.	Anæmia, Chlorosis.....	3	3								2	1						3			
55.	Other General Diseases.....														3			3			
56.	Alcoholism, Acute and Chronic.....	7	5	2					2	3		1		1	2	3	2	7			
57.	Lead Poisoning.....														1						
58.	Other Professional Intoxications.....																				
59.	Other Chronic Poisonings.....																				
II. Diseases of the Nervous System																					
60.	Encephalitis.....	2		2	1	1					1				1	1					
61.	Meningitis, Simple.....																				
61a.	Meningitis, Epidemic Cerebro-spinal.....	1		1	1	1			1						1			1			
62.	Locomotor Ataxia, Progressive.....																				
63.	Other Diseases of the Spinal Cord.....																				
64.	Apoplexy Cerebral.....	27	21	6			1			1	1	6	4	14	3	17	7	27			
65.	Cerebral Softening.....	3	1	2								1	2		3		3				
66.	Paralysis.....	1	1		1										1		1				
67.	Paralysis, General, of Insane.....	2	1	1								1	1	1	1	1		2			
68.	Other forms of Mental Disease.....																				
69.	Epilepsy.....	2		2				1	1						1		1	2			
70.	Eclampsia (nonpuerperal).....																				
71.	Convulsions of Children.....	1	1		1	1									1		1				
72.	Tetanus.....	2	2				1		1						2			2			
73.	Chorea.....																				
74.	Other Diseases of the Nervous System.....	4	3	1	1	1					3				2	1	1	3	1		
75.	Diseases of the Eye and Its Adnexa.....	1																			
76.	Diseases of the Ear.....	1	1						1						1			1			
III. Diseases of the Circulatory System																					
77.	Pericarditis.....	1		1							1	1				1		1			
78.	Endocarditis, Acute.....	2	1	1							1	1					2	2			
79.	Organic Diseases of the Heart.....	68	42	26				1	1	4	11	10	17	24	17	23	28	66	2		
80.	Angina Pectoris.....	4	3	1							2	1		1		3	1	4			
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	15	12	3				1		4	1	2	7	3	6	6	14		1		
82.	Embolism and Thrombosis.....	1	1							1					1		1				
83.	Diseases of the Veins.....																				
84.	Diseases of the Lymphatics.....																				
85.	Hemorrhages.....	1		1	1	1									1		1				
86.	Other Diseases of the Circulatory System.....																				
IV. Diseases of the Respiratory System																					
87.	Diseases of the Nasal Fossæ.....																				
88.	Diseases of the Larynx.....	2		2	2	2									2			2			
89.	Diseases of the Thyroid Body.....																				
90.	Bronchitis, Acute.....	3	2	1	1	1							2	1	1	1	3				
91.	Bronchitis, Chronic.....	7	5	2	1	1						2	2	2	1	3	3	6		1	
92.	Broncho-Pneumonia.....	14	7	7	8	12	1					1		13		1	14				
93.	Pneumonia.....	23	17	6	3	5			2	3	3	2	5	3	9	7	7	20	2		1
94.	Pleurisy.....	4	2	2	1	1			1	1		1			2	1	1	4			
95.	Pulmonary Congestion and Apoplexy.....	2	2			1				1					2			2			
96.	Gangrene of the Lung.....																				
97.	Asthma.....	4	4							1			1	2	1	1	2	4			
98.	Pulmonary Emphysema.....																				
99.	Other Diseases of the Respiratory System (Phthisis excepted).....																				

3

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)	Deaths reported during month Feb., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																					
146. Diseases of the Bones (nontuberculous).....																					
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																					
148. Amputation.....																					
149. Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																					
150. Hydrocephalus.....																					
150a. Congenital Malformation of Heart—Cy- anosis.....	1	1		1		1								1				1			
150b. Other Congenital Malformations.....																					
XI. Early Infancy																					
151. Premature Birth.....	17	11	6	17		17								17				16		1	
151a. Congenital Debility.....	11	9	2	11		11								11				10	1		
152. Other Diseases of Early Infancy.....	1	1		1		1								1				1			
153. Lack of Care.....																					
XII. Old Age																					
154. Senility.....	16	6	10									1	15	2	3	11	16				
XIII. Violence																					
155. Suicide by Poison.....	6	3	3				1	2	1	2					5	1	6				
156. Suicide by Illuminating Gas.....	2	1	1					1	1	1					1	1	2				
157. Suicide by Hanging or Strangulation....	1	1							1							1	1				
158. Suicide by Submersion.....																					
159. Suicide by Firearms.....	9	8	1						4	4	1			4	3	2	9				
160. Suicide by Cutting Instruments.....	2	2							1	1					1	1	2				
161. Suicide by Jumping from High Places.....																					
162. Suicide by Crushing.....																					
163. Other Suicides.....																					
164. Fractures.....	8	8					2	2	1	2	1			3	3	2	8				
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....																					
166a. Injuries by Machinery.....																					
166b. Injuries in Mines and Quarries.....																					
166c. Railroad Accidents and Injuries.....																					
166d. Street Car Accidents and Injuries.....	3	3								2	1			1	2		3				
166e. Injuries by Horses and Vehicles.....																					
166f. Other Accidental Traumatisms.....	2	2								1		1		1	1	1	2				
167. Burns and Scalds.....	1	1		1	1									1			1				
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....																					
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....	7	7					2	1	2	2				3	1	3	6		1		
173. Starvation, Privation, Etc.....																					
174. Inhalation of Illuminating Gas (Suicide excepted).....	4	3	1					1		2			1	2		2	4				
175. Other Acute Poisonings.....																					
176. Suffocation.....																					
176a. Injuries at Birth.....																					
176b. Homicide.....	5	2	3			1			2	2				2	1	2	5				
176c. Other External Violence.....	1	1					1							1			1				
XIV. Ill-Defined Diseases																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....																					
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....																					
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS
(Arranged according to Calendar Year)

	1908 Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1909 Jan.
General Diseases.....	165	162	150	163	129	142	130	134	139	153	144	151
Diseases of Nervous System.....	55	64	37	57	50	31	45	42	51	31	46	50
" of Circulatory System.....	82	106	67	84	73	61	62	62	63	84	73	90
" of Respiratory System.....	86	83	52	64	52	47	47	42	54	70	80	66
" of Digestive System.....	38	52	41	29	42	61	55	54	45	45	53	37
" of Genito-Urinary System.....	37	43	46	31	30	37	48	35	45	48	36	58
Childbirth.....	5	4	5	9	8	6	4	2	6	4	2	6
Disease of the Skin.....	1	1	2	4	1	2	2	1	1	2	2	1
" of Locomotor System.....	1	.....	1	1	.....	5	.....	1	.....	1	1	1
Malformations.....	3	4	1	5	3	8	3	3	4	3	2	4
Early Infancy.....	15	22	18	24	15	23	28	14	26	19	17	30
Old Age.....	6	7	5	9	7	4	7	6	6	15	13	10
Violence.....	57	60	47	61	61	54	54	42	49	41	56	46
Ill Defined Diseases.....	1	5	1	1	10	5	3	10	9	3	3	3
Total Deaths.....	552	613	473	542	481	486	488	447	498	519	528	553
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	475,000
Annual Death Rate per 1,000 inhabitants.....	15.48	17.28	13.32	15.24	13.56	13.68	13.68	12.60	14.04	14.64	14.76	13.92
Under 1 Year.....	51	68	51	68	61	93	72	64	62	62	60	70
1 to 5 Years.....	31	26	24	19	16	20	20	16	19	19	27	20
5 to 70 Years.....	353	422	330	378	334	304	306	302	328	349	350	365
70 and Over.....	117	97	68	77	70	69	80	65	89	89	91	98
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	203	215	172	224	216	203	203	178	207	189	189	213

COMPARATIVE STATEMENT OF DEATHS BY MONTHS
(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	.....	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS
(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	.....	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.											U. S. Institutions				En Route — In Bay — Public Parks, Etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
City and County Hospital		Relief Home for Aged Infirm		Central Emergency Hospital		Harbor Emergency		Potrero Emergency		Park Ambulance Station		Leper Hospital		Smallpox Hospital		Isolation Hospital		Jails and Prisons			Other Hospitals and Sanatoria	U. S. Marine Hospital		U. S. A. General Hospital (Presidio)		Alcatraz Island		Yerba Buena Island (U. S. Naval Station)		En Route to Hospital		In Bay of San Francisco		Pacific Ocean		On Ferry Boat (Bay)		On Board Ship (Bay)		Golden Gate Park												At Place of Residence.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
34	13		15							1											120	4	5						1	7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.							
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead	
67	1	1			8	4	1	68		3	9	18	185	5	37	2	70	3		12		53	10	5	54	616	59	

DISINTERMENTS AND REMOVALS

Disinterred From							Removed to																								
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
15		8	30		6				59	5				15	1			1				1	4	7	3	1	15	1	3	3	39

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED													TRANSCRIPTS ISSUED	NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.	16	\$12.00 No Fee Charged	
													Certified Copies Death (at 75c. each) Same—For Pension Purposes, Etc.	63 4	\$47.25 No Fee Charged	
													Permits for Removal of Bodies and Ashes. Same—(at \$10 each)	59	No Fee Charged	
2	7	12	1	1	2	7	106	17	327	35	4		Total	142	\$59.25	
Total, 521													Total of all permits, etc., issued, 663			

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

To February 28, 1909

	APPROPRIATION	ALLOWANCE FEB.	EXPENDED FEB.	SURPLUS OR DEFICIT FOR FEB.	TOTAL SURPLUS FEB. 28	BALANCE REMAINING
SPECIAL SANITATION	\$11,736.00	\$ 620.00	\$ 478.46	\$ 141.54	\$ 272.81	\$ 272.81
CENTRAL OFFICE:						
Salaries			5,790.35			
Expenses	80,920.00	6,743.22	1,761.75	808.88***	1,299.77	28,272.65
			\$7 552.10			
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09***	117.75	13,049.43
Expenses	12,000.00	1,000.00	878.21	121.79	1,554.76	5,554.76
CITY AND COUNTY HOSPITAL:						
Salaries			3,475.75			
Expenses	125,000.00	10,416.66	6,701.73*	239.18	1,544.54	43,221.20
			\$10,177.48			
RELIEF HOME:						
Salaries			5,324.95			
Expenses	165,000.00	13,750.00	9,626.84	1,201.79***	1,572.94	56,572.94
			\$14,951.79			
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			1,100.00
Expenses	3,000.00	250.00	207.42	42.58	251.09	1,251.09
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	435.00			1,740.00
Expenses	5,000.00	416.66	384.35	32.31	391.68	2,058.34
Totals	\$450,026.00	\$37,139.45	\$38,599.81	Surp. \$577.40 Def. 2,037.76	\$7,015.34	\$153,093.32

* \$1,164.02 expended for care of patients in private hospitals.

***In these three instances Central Office, Salaries Emergency Hospital, and Relief Home, the 1-12 allowances for the month were overdrawn, but there was a surplus from previous months and the allowances for the eight months already passed of this fiscal year have not been overdrawn.

The above statement is made upon the amount of the supplies contracted for, and when all bills are filed there will be some change, but not a material one, in the above figures.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from January	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	TOTAL	Remaining in Hospital Feb. 28	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	8	715	723	410	129	45	49	2	62	7	12	716	7	....	....	....	....	....	....
Harbor.....	...	317	317	284	....	....	9	....	20	2	2	317	....	....	....	....	....	....	....
Potrero.....	...	215	215	207	....	....	....	....	7	1	....	215	....	....	....	....	....	....	....
Park Ambulance Station.....	...	59	59	55	....	....	....	....	4	....	....	59	....	....	....	....	....	....	....
Insane Detention.....	...	64	64	21	....	....	1	....	....	....	....	....	....	....	2	....	18	11	11
Totals.....	8	1370	1378	977	129	45	59	2	93	10	14	1307	7	....	...2	....	18	11	11

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from Jan.	Examined for Admission	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employes
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	To Other Hospitals	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Remaining in Hospital Feb. 28	Average Number Patients During Month	
365	..	..	181	..	546	62	43	5	4	1	1	..	..	2	7	34	159	387	381	106

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from Jan.	Admitted	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overlaid Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Remaining in Home Feb. 28	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1316	46	1362	17	2	..	8	..	..	13	40	1322	38	51	734	604	68	490	99	39

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. remaining from Jan. 31	..	..	15	..	..	..
No. admitted.....	8	8	..	..	..	..
No. discharged.....	..	4	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining Feb. 28.....	..	4	..	15	..	..
No. diagnostic visits.....	51	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office	203	...
Visits to patients.....	33	...
Sent to City and County hospital.....	2	...
Visits to jails.....	11	...
Patients in jail.....	114	...
Visits to prisons.....	11	...
Patients in prison.....	333	...
No. of vaccinations	503	...
Special visits.....	7	...
Hospitals inspected.....	6	...

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED		*INVESTIGATED										
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations Performed
Jos. Butler, M.D.....	1	3	4	4	..	..	..	..	4	61	8	73	18	13	1	37	1	110	3	4	34	5	8	235	...
H. L. Curtis, M.D.	2	7	9	5	..	..	4	9	7	88	85	180	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	..	..	..	..	..	..	..	..	..	37	60	97	19	6	3	38	2	122	3	6	22	16	7	247	10
F. C. Muller, M.D.....	1	9	10	5	2	1	2	10	10	74	23	107	17	6	4	37	..	116	..	10	19	40	8	261	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals.....	4	19	23	14	2	1	6	19	21	260	176	457	54	25	8	112	4	348	6	20	75	61	23	743	10

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Glanders 1
Erysipelas 4

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lb.)	Crude Carbolic Acid (oz.)	Petrie Dishes Placed		
52	35	8	68	..	2	..	1	2	168	289	367,750	4,182	549	64	44		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Piekle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	79			73		1	3						2		
E. F. Murphy	20			13		1		5							1
Totals	99			86		2	3	5					2		1

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods Dried Fruits	Meats and Fish	Poultry and Game	Miscellaneous
			Fish . . . 2600 lbs.	Turkeys 1	

Nuisance complaints referred to Sanitary Division	Samples taken for Analysis . . . 2	Nuisance complaints referred to Plumbing Division	Nuisances abated by written notice 2
Notices served			" " " verbal "

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE									ARRESTS MADE						
	No. of Dairy Inspections	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
C. L. Roadhouse, D. V. S. Chief.	24	1	25	2580	6	5	..	55	2	..	..	..	..	..	..	..
W. E. Lendrum.....	27	48	75	2968	.....	2	..	9	1	..	1	1	1	25	..	..
E. B. O'Connor.....	25	36	61	2526	6	6	..	22	..	..	..	..	..	..	..	..
Totals.....	76*	85	161	8074	12	13	..	86	3	..	1	1	1	25	..	..

*Joint Inspections on 24 dairies.

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum.....	12	3	..	..	..	2	7	..	..	..	..	..	..	..	..	..
T. P. Lydon.....	145	53	9	..	5	4	73	1	..	3	28	36	21	\$420	4	11
E. F. Murphy.....	109	37	2	..	12	4	51	3	..	3	22	25	14	245	8	3
E. B. O'Connor.....	12	..	2	..	..	..	10	..	..	..	6	6	5	110	1	..
Totals.....	278	93	13	..	17	10	141	4	..	11	56	67	40	\$775	13	14

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots	Commission Houses	Chinatown	Total	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	...	166	124	20	20	274	604	60000	400	1149	2000	600	400	43500
S. J. Campbell.....	440	....	....	..	....	....	440	.....	4400	1000	7280	11514	12553	.....
W. H. Jordan.....	180	....	....	..	....	....	180	.....	2205	510	2825	6440	5950	.....
T. McEnroe.....	102	135	204	34	....	203	678	.....	2250	2016	2054	4400	3341	31822
John Regan.....	76	536	...	32	28	...	672	8000	2500	1120	3250	3300	3000	49570
Totals	798	837	328	86	48	477	2574	68000	11755	5795	17409	26254	25244	124892

Condemnations and Seizures

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	6500	1500	6				409	10		2						
S. J. Campbell.....		1750	139	89	27	24										
W. H. Jordan.....		3600	73	36	17	5										
T. McEnroe.....		2000	41				300			9						
John Regan.....		3000	45	10	3	2										
Total.....	6500	11850	*304	135	47	31	709	10		11						

*Of this number 212 were classed as "slunk" calves and were destroyed at abattoirs in Butchertown

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	7900	3000	17514	13553	7280
Supplied from Outside of City..	4585½	3938	6702	7070	4230
Totals.....	12485½	5938	24216	20623	11510

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	106	99	7	1	1	3	9	4	2	3
Bath Houses.....	5	5	..	..	..	..	..	..	..	..
Laundries.....	50	43	7	1	6	..	6	..	6	..
Garment and Shoe Factories.....	7	5	2	..	2	..	..	..	..	2
Cigar Factories.....	14	13	1	..	1	..	2	..	2	..
Restaurants.....	86	74	12	..	7	3	15	2	10	4
Meat Markets.....	3	3	..	..	..	..	..	..	..	..
Candy Factories.....	5	4	1	..	1	..	1	..	1	..
Miscellaneous and Canneries.....	9	8	1	..	1	..	..	..	..	1
Stables and Manure Wagons.....	117	115	2	..	2	..	..	..	..	1
Car Barns.....	9	9	..	..	..	..	..	..	..	..
Totals.....	411	378	33	2	21	6	33	6	21	11

HY. D. MILLER, Inspector

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY						
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
C. J. Farrell(Chief).....	53	36	4	93	53	4240	1060	53	..	..	..	..	..	..	..	..	..	..	..
V. D. Hobro, Jr.....	165	78	23	266	165	13200	8250	78	24	8	32	10	24	34	18	..	4	12	..
I. R. Murphy.....	93	78	30	201	93	7440	6240	78	35	37	72	49	35	84	19	3	11	51	..
P. Mulligan.....	160	123	24	307	160	10000	1500	123	5	20	25	3	9	12	5	..	4	3	..
J. Robertson.....	67	43	33	143	67	5360	3350	43	22	24	46	2	22	24	14	2	6	6	..
J. E. Sweeney.....	122	71	38	231	122	10240	4880	68	18	18	36	4	18	22	10	..	1	11	..
Totals.....	660	429	152	1241	661	50480	25280	443	104	107	211	68	108	176	66	5	22	83	..

New Fixtures Installed in Old Buildings

Water Closets	Baths	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
82	47	44	60	38	3	26	..	4	7

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
..	..	..	..	..	..	..

Number of Plans submitted.....149
 Number of Buildings represented...162
 Permits granted for repair work.....54

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condenned by taking up under New Ordinance	Total		
Dwellings.....	4	2	6	39	5	1	45	4	2	..	6	14	25
Stables.....	8	6	14	108	13	1	122	7	5	1	13	40	69
Miscellaneous.....	8	2	10	26	7	3	36	8	8	..	16	7	13
Total.....	20	10	30	173	25	5	203	19	15	1	35	61	107

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN, JULIETTE VON BENZON, KATHERINE WYNNE, (Graduate Nurses), Assistants

Report on 19 Schools enrolling 10,370 pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....190

No. visits to homes.....248

TOTAL VISITS.....438

171 children excluded on account of following named diseases:

Diphtheria.....	5	Acute Tonsilitis.....	9
Scarlet Fever.....	3	Contagious Skin Diseases.....	20
Chicken Pox.....	3	Pediculosis.....	82
Measles.....	43	Trachoma.....	1
Mumps.....	18	Miscellaneous.....	1
Whooping Cough.....	4		

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	96	No. cases treated by operation.....	29
“ “ requiring medical attention.....	85	“ “ “ without operation.....	21
“ “ poorly nourished.....	7	“ “ “ by nurses in schools.....	330
“ “ affected with pediculosis.....	10	“ “ reported to societies.....	9
“ “ “ “ contagious skin diseases.....	56		

VACCINATION REPORT

Number found to be not successfully vaccinated.....700 Of this number 198 have since been vaccinated or20.8%

Number excluded on account of non-vaccination.....28

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	48	94	1	143
Sputum (for Tuberculosis).....	9	21	..	30
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions.....	..	5	..	5
Water.....	..	..	..	23
Other Examinations.....	..	..	..	1
Milk.....	..	..	..	90
Disinfectants.....	..	..	..	19
Total Examinations.....	57	120	1	311

TOXICOLOGICAL DIVISION—FRANK T. GREEN. Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	Mrs. Sylvester.....	No poison present
Stomach.....	Coroner.....	E. A. Hamilton.....	No poison present
Stomach and Urine.....	Coroner.....	James W. Haney.....	Morphine present
Stomach.....	Coroner.....	John Doe.....	No poison present
Stomach.....	Coroner.....	John Doe.....	No poison present
Stomach washings.....	Coroner.....	Jacob Kirchoff.....	No poison present
Stomach.....	Coroner.....	Joseph Candana.....	No poison present
Stomach and Urine.....	Coroner.....	Archibald Kuhn.....	No poison present
Stomach.....	Coroner.....	A. A. Zimmermann.....	Morphine present
Stomach.....	Coroner.....	Robert Larios.....	No poison present
Stomach.....	Coroner.....	Chas. A. Driscoll.....	Strychnine present
Stomach.....	Coroner.....	Mrs. Rose Mock.....	No poison present

Total number of samples analyzed during month, 12

No milks analyzed during February.

CHEMICAL LABORATORY

W. C. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory during the month of February consisted of the analysis of 286 samples of milk, 1 sample of sand, 2 samples of butter, 1 sample of cream, 2 samples of sausage, 1 sample of chopped beef and 23 samples of water. Total number of analyses, 316.

MILK

Samples taken from hospitals.....	6	Below standard.....	0
Samples taken from restaurants.....	141	Below standard.....	60
Samples taken from milk wagons.....	95	Below standard.....	12
Samples taken from milk depots.....	11	Below standard.....	0
Samples taken from stores.....	27	Below standard.....	3
Samples taken from bakeries.....	4	Below standard.....	1
Samples taken from private individuals....	2	Below standard.....	1
Total number of samples analyzed.....	286	Total number below standard.....	77
Percentage below standard.....			26.9
Samples sufficiently below standard to warrant arrest.....			57
Standard 3% milk fat and 8.5% solids not fat			

Warrants for arrest were issued for the following:

NAME	DEFICIENCY		
	Milk	Solids	Added
	Fats	Not Fat	Subst.
Jacobson & Jorgensen, 2081 Market Street (restaurant)	0.4	0.34	.....
C. Cross, 2279 Market Street (Ideal restaurant).....	0.8	.....	.....
W. Condues, 1035 Market Street (restaurant).....	0.4	2.64	Water
J. C. Suhr, 723 Market Street (restaurant).....	0.45	.....	.....
R. H. Luhman, 249 Market Street (restaurant).....	0.3	0.44	Water
Ravn & Karsknsen, 131 Market Street (restaurant)...	0.3	0.24	Water
J. C. Suhr, 65 Market Street (restaurant).....	0.4	0.36	Water
H. Iversen, 42 Third Street (restaurant).....	.....	0.93	Water
Bill Trulis, 81 Third Street (restaurant).....	0.1	1.42	Water
C. Maegel, 105 Third Street (restaurant).....	0.35	0.39	Water
J. Kentris, 56 Sixth Street (restaurant).....	0.85	.....	.....
Skau & Hendricksen, 43 Sixth Street (restaurant)...	0.3	2.26	Water
J. Kosta, 51 Sixth Street (restaurant).....	0.9	1.37	Water
C. B. Lininger, 70 Sixth Street (restaurant).....	0.4	1.90	Water
Bilafer & Kurtovich, 91 Sixth Street (restaurant)....	1.0	1.31	Water
J. Anderson, 142 Sixth Street (restaurant).....	.....	1.22	Water
L. Jackel, 307 Sixth Street.....	0.5	.....	.....
G. Nikllis, 148 Third Street (restaurant).....	0.3	1.68	Water
J. Klesco, 598 Sixth Street (restaurant).....	.....	1.77	Water
W. Worden, Sr., 304 Fourth Street (restaurant).....	0.7	.....	.....
P. Germentis, 120 Fourth Street (restaurant).....	1.6	.....	.....
Prevos Bros., 20 Eighth Street (restaurant).....	0.7	2.12	Water
T. Suterros, 10 Eighth Street (restaurant).....	1.2	1.06	Water
F. Fischer, 7 Fourth Street (restaurant).....	.....	1.56	Water
O. N. Larsen, S. W. Cor. Fourth and Jesse Sts. (res't.)	0.5	2.37	Water
Miss E. Kirk, 234 Third Street (restaurant).....	.....	0.94	Water
Wm. Jordan, 277 Fourth Street (restaurant).....	0.5	2.31	Water
J. Crist, 2954 Sixteenth Street (restaurant).....	.....	0.5	.....
Secondos & Co., 2956 Sixteenth Street (restaurant)...	0.35	0.24	.....

NAME	DEFICIENCY		
	Milk	Solids	Added
	Fats	Not Fat	Subst.
Weirich & Grolund, 3151 Sixteenth Street (restaurant)	1.1	.....	.....
Koch & Hage, 3218 Sixteenth Street (restaurant)....	0.7	1.94	Water
N. Karidis, 247 Third Street (restaurant).....	.....	0.53	Water
Mrs. A. Hanson, 360 Third Street (restaurant).....	0.55	.....	.....
Jas. Cotopoulis, 374 Third Street (restaurant).....	0.6	.....	.....
N. E. Holmer, 2505 Twenty-fourth Street (restaurant)	0.4	0.47	.....
Balokos & Gurgues, 2760 24th Street (restaurant)...	2.0	1.74	Water
A. Cerrutti, 510 Filbert Street (grocery).....	0.2	1.83	Water
R. Garcia, 717 Vallejo Street (restaurant).....	1.3	.....	.....
M. Tovaras, 703 Third Street (restaurant).....	0.3	2.02	Water
S. Lehmann, 560 Third Street (restaurant).....	1.3	.....	.....
H. Spyns, 7 Jackson Street (restaurant).....	0.8	2.19	Water
E. Pochini, 146 Pacific Street (restaurant).....	1.3	1.06	Water
N. Gallagher, 3381 Mission Street (bakery).....	1.4	.....	.....
J. J. Barany, 1138 Mission Street (restaurant).....	0.8	1.62	Water
E. B. Kimball, 3604 Eighteenth Street (restaurant)...	0.2	1.00	Water
T. Furlong, 385 Fifth Street (restaurant).....	0.6	.....	.....
P. J. Folboeuf, 242 Fifth Street (restaurant).....	0.7	.....	.....
A. Matzen, 36 Fifth Street (restaurant).....	.....	0.71	Water
Silvera & Serpa, 2973 Sixteenth Street, (Wagon)....	0.6	1.27	Water
D. McGee, 36 Courtland Avenue, (wagon).....	.....	0.97	Water
R. Schwartz, 6 Majestic Avenue (wagon).....	.....	0.54	Water
H. Lauberge, Henrietta & Hanover, (wagon).....	.....	0.43	.....
P. Menjou, 528 Cambridge Street (wagon).....	0.1	2.28	Water
E. Brumbaugh, 107 O'Farrell Street (restaurant)....	1.1	0.02	.....
Foerster & Lausten, 55 Stockton Street (Restaurant)...	0.2	2.04	Water
F. Mozzetti, 1820 Twenty-second Avenue (wagon)....	.....	1.26	Water
C. Bohling, 667 Fillmore Street (delicatessen).....	0.4	.....	.....

COURT WORK (MILK CASES)

Cases in Court.....	67	Convictions.....	40
Cases carried over.....	15	Dismissals.....	12
Total amount of fines.....	\$775	Average fine.....	\$19.37

MISCELLANEOUS

The sample of sand was taken in Butchertown, and was examined for organic matter; the two samples of butter, the sample of sausage, the sample of chopped meat and the sample of cream were found not to be adulterated.

WATER

Sanitary analysis was made twice during the month of samples of water taken from the city distributing reservoirs and the Lakes Merced, property of the Spring Valley Water Company. One sample of well water, submitted by the Division of Dairy Inspection, was analyzed. The table of analytical results obtained by these analyses is given on following page.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

LAB. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		
				265	88	177	27	0.0004	0.318	0.028	0.123	3	The average of the analyses of 78 samples of water taken from the city distributing reservoirs at intervals of one month during the year 1907-08.
507	Potrero Heights Reservoir.....	Feb. 9	Slight turbidity	213	83	130	22	0.0	0.29	0.018	0.148	4	Sample taken at forebay, 2 ft. below surface.
508	University Mound Reservoir...	Feb. 9	Slight turbidity	224	87	137	21	0.0	0.412	0.028	0.156	4	Sample taken at forebay, 5 ft. below surface.
509	Lake Honda Reservoir.....	Feb. 9	Slight turbidity	210	70	140	29	0.001	0.31	0.042	0.130	3	Sample taken from boat, 6 ft. below surface.
510	College Hill Reservoir.....	Feb. 9	Slight turbidity	180	60	120	20	0.0	0.416	0.024	0.146	4	Sample taken at forebay, 4 ft. below surface.
511	North Lake Merced.....	Feb. 9	Turbid.....	302	92	210	60	0.0	0.056	0.032	0.354	6	Sample taken from boat, 6 ft. below surface.
512	South Lake Merced.....	Feb. 9	Turbid.....	273	63	210	57	0.0	0.202	0.018	0.284	4	Sample taken from boat, 6 ft. below surface.
513	Presidio Heights Tank.....	Feb. 10	Slight turbidity	221	81	140	22	0.0	0.466	0.018	0.132	4	Sample taken 5 ft. below surface.
514	Clarendon Heights Tank.....	Feb. 10	Slight turbidity	213	75	138	22	0.0	0.28	0.028	0.164	4	Sample taken 5 ft. below surface.
515	Lombard Street Reservoir.....	Feb. 10	Slight turbidity	195	55	140	24	0.0	0.244	0.02	0.12	4	Sample taken at forebay, 4 ft. below surface.
516	Francisco Street Reservoir.....	Feb. 10	Slight turbidity	227	88	139	22	0.0	0.196	0.024	0.224	5	Sample taken at forebay, 2 ft. below surface.
517	Clay Street Tank.....	Feb. 10	Clear.....	312	103	209	27	0.0	0.468	0.016	0.084	2	Sample taken 5 ft. below surface.
518	Potrero Heights Reservoir.....	Feb. 16	Slight turbidity	190	75	115	21	0.0	0.156	0.02	0.184	5	Sample taken at forebay, 3 ft. below surface.
519	Lake Honda Reservoir.....	Feb. 16	Slight turbidity	170	50	120	26	0.002	0.228	0.036	0.126	4	Sample taken from boat, 6 ft. below surface.
520	University Mound Reservoir...	Feb. 16	Slight turbidity	200	65	135	22	0.001	0.220	0.034	0.168	4	Sample taken at forebay, 6 ft. below surface.
521	College Hill Reservoir.....	Feb. 16	Turbid.....	160	60	100	19	0.0	0.24	0.024	0.130	4	Sample taken at forebay, 5 ft. below surface.
522	North Lake Merced.....	Feb. 16	Turbid.....	280	95	185	59	0.0	0.044	0.03	0.350	6	Sample taken from boat, 5 ft. below surface.
523	South Lake Merced.....	Feb. 16	Turbid.....	290	105	185	56	0.001	0.088	0.03	0.348	6	Sample taken from boat, 6 ft. below surface.
524	Presidio Heights Tank.....	Feb. 17	Clear.....	200	80	120	22	0.0	0.59	0.026	0.138	4	Sample taken from tank, 7 ft. below surface.
525	Clarendon Heights Tank.....	Feb. 17	Slight turbidity	195	75	120	21	0.0	0.372	0.024	0.144	4	Sample taken from tank, 5 ft. below surface.
526	Clay Street Tank.....	Feb. 17	Clear.....	285	100	185	27	0.0	0.41	0.03	0.078	2	Sample taken from tank, 2½ ft. below surface.
527	Lombard Street Reservoir.....	Feb. 17	Slight turbidity	180	75	105	21	0.0	0.356	0.04	0.136	4	Sample taken from forebay, 3½ ft. below surface.
528	Francisco Street Reservoir.....	Feb. 17	Clear.....	200	80	120	21	0.001	0.193	0.028	0.254	5	Sample taken at forebay, 2 ft. below surface.

SAMPLE OF WELL WATER TAKEN FROM DAIRY RANCH

529	Dairy of M. Johnson, 6-Mile-House.....	Feb. 26	Very turbid....	3522	1280	2242	348	0.120	70.4	1.55	5.19	144	Sample taken from cistern above and connected with well, receives drainage from barns and corrals.
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METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of February, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM		TOTAL DAILY MOTION		
											VEL.	DIREC.			
1.....	30.15	30.07	59	49	10	54	43	50	78	72	29	SW	348	.01	Cloudy
2.....	29.97	29.87	60	48	12	54	47	48	63	76	34	S	393	.90	Cloudy
3.....	29.97	30.04	54	46	8	50	43	44	88	86	23	SW	179	.32	Cloudy
4.....	30.13	30.10	51	44	7	48	43	39	95	64	25	S	199	.04	Cloudy
5.....	30.03	30.06	54	46	8	50	42	35	78	56	20	S	133	.28	Part Cloudy
6.....	29.97	29.82	54	44	10	49	40	50	82	90	27	SW	268	.17	Cloudy
7.....	29.71	29.81	52	42	10	47	46	37	87	72	31	SW	281	.73	Part Cloudy
8.....	29.94	30.13	53	43	10	48	37	40	74	73	13	S	119	.24	Part Cloudy
9.....	30.25	30.16	51	43	8	47	42	41	88	71	11	S	140	0	Cloudy
10.....	30.03	29.85	48	44	4	46	43	45	84	96	23	SE	197	.75	Cloudy
11.....	29.56	29.60	56	46	10	51	47	52	95	94	34	SW	306	1.17	Cloudy
12.....	29.69	29.84	56	48	8	52	50	46	96	81	30	W	306	.92	Cloudy
13.....	30.13	30.30	57	48	9	52	47	47	86	71	14	W	154	T	Part Cloudy
14.....	30.35	30.33	56	46	10	51	46	48	97	79	9	S	122	.31	Cloudy
15.....	30.29	30.24	60	49	11	54	48	55	96	88	13	S	104	.09	Cloudy
16.....	30.26	30.17	58	50	8	54	51	55	100	99	14	SW	158	.10	Cloudy
17.....	30.23	30.21	62	49	13	56	50	48	99	67	15	SW	148	0	Part Cloudy
18.....	30.14	30.18	60	48	12	54	48	50	91	82	17	W	189	.24	Part Cloudy
19.....	30.23	30.26	56	46	10	51	42	41	78	63	16	NW	123	.05	Part Cloudy
20.....	30.07	29.76	54	44	10	49	42	48	80	94	31	SE	310	.90	Cloudy
21.....	29.87	30.00	57	45	12	51	36	37	69	48	17	NW	187	0	Clear
22.....	30.14	30.18	59	46	13	52	32	48	55	71	11	W	123	0	Clear
23.....	30.23	30.20	61	45	16	53	44	42	91	58	24	SW	104	0	Part Cloudy
24.....	30.22	30.27	57	46	11	52	45	42	92	64	23	SW	152	.31	Part Cloudy
25.....	30.28	30.20	57	46	11	52	41	41	79	59	11	NW	110	0	Clear
26.....	30.17	30.10	61	46	15	54	45	47	93	81	14	W	113	0	Part Cloudy
27.....	30.06	30.01	60	46	14	53	45	49	90	72	10	NW	89	0	Part Cloudy
28.....	30.00	30.00	60	47	13	54	47	47	95	80	21	W	154	0	Clear
MEANS....	30.075	30.063	56.5	46.1	10.5	51.4	44.0	45.4	85.7	75.2	34	SW	5209 186.0 Hourly 7.8	7.53	Clear..... Part Cloudy... 1 Cloudy..... 1

RECORD OF ARRESTS

PENDING AT LAST REPORT

Arrest'd 1908	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
June 13	Frank Grannucci	Maintaining a nuisance	Miller	Weller	Cont'd to Mar. 14. Res'd by Sup. C't	Found guilty, fined \$25, Feb. 10
June 17	Frank Marty	State Milk Law	Murphy	Weller		
July 27	Ed. Green	State Milk Law	Lydon	Conlan	Cont'd to Mar. 4 by order of Judge	
Aug. 20	Ed. Green	State Milk Law	Lydon	Conlan	Cont'd to Mar. 4 by order of Judge	
Nov. 30	Peter Krone	State Milk Law	Lydon	Conlan	Cont'd to Mar. 4 by order of Judge	Acquitted by Jury, Feb. 17th
Dec. 9	W. O. Weissich	Ordinance 822	Curtis	Conlan		
1909						
Jan. 18	Lorenzi Lombardi	State Milk Law	Lydon	Deasy		Dismissed. Acquitted by Jury, Feb. 2
Jan. 18	Mike Baggani	State Milk Law	Lydon	Deasy	Cont'd to Mar. 24. Demanded Jury tr'l	
Jan. 21	Nino Ferro	State Milk Law	E. F. Murphy	Shortall		Found guilty, fined \$25, Feb. 9
Jan. 28	Frank Marty	State Milk Law	Lydon	Shortall		Found guilty, fined \$10, Feb. 10
Jan. 28	Frank Marty	State Milk Law	Lydon	Weller		Case dismissed Feb. 10
Jan. 28	Frank Marty	State Milk Law	Lydon	Conlan		Found guilty, fined \$10, Feb. 17
Jan. 28	Frank Marty	State Milk Law	Lydon	Weller		Case dismissed Feb. 10

ARRESTED DURING MONTH

Feb. 1	Nicholas S. Vard	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, Feb. 5
Feb. 1	Adolph Bachmann	State Milk Law	E. F. Murphy	Shortall		Found guilty, fined \$10, Feb. 5
Feb. 1	Oswald Deil	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, Feb. 2
Feb. 1	Mrs. M. Beaumont	State Milk Law	E. F. Murphy	Shortall		Reprimanded, case dismissed, Feb. 2
Feb. 2	Christin Sowers	State Milk Law	E. F. Murphy	Deasy		Found guilty, fined \$10, Feb. 3
Feb. 2	Theodore Prepoutse	State Milk Law	E. F. Murphy	Shortall		Found guilty, fined \$25, Feb. 3
Feb. 2	Nick Glafkides	State Milk Law	E. F. Murphy	Shortall		Found guilty, fined \$25, Feb. 3
Feb. 2	John Kovy	State Milk Law	E. F. Murphy	Weller		Case dismissed, Feb. 18
Feb. 2	Henry Woehlenbrock	State Milk Law	E. F. Murphy	Deasy		Found guilty, fined \$10, Feb. 3
Feb. 2	George Panusos	State Milk Law	E. F. Murphy	Weller		Case dismissed, Feb. 10
Feb. 3	Ed. Green	State Milk Law	C. C. Bucher	Deasy	Cont'd to Mar. 4. Request Defendant	
Feb. 3	James E. Green	State Milk Law	E. F. Murphy	Deasy		Case dismissed, Feb. 4
Feb. 3	Manuel Silveria	State Milk Law	O'Connor	Deasy		Found guilty, fined \$25, Feb. 4
Feb. 4	Frank Soares	Ordinance 229	O'Connor	Shortall		Found guilty, fined \$25, Feb. 5
Feb. 6	Antone Selvera	Ordinance 1273	Lendrum	Deasy		Found guilty, fined \$25, Feb. 8
Feb. 8	Herman Heitman	Ordinance 2944	O'Connor	Deasy		Case dismissed, Feb. 20
Feb. 8	Joel W. Fuller	State Milk Law	E. F. Murphy	Shortall		Found guilty, fined \$10, Feb. 10
Feb. 17	Hans Iverson	State Milk Law	E. F. Murphy	Deasy		Found guilty, fined \$10, Feb. 18
Feb. 17	Otto Maegel	State Milk Law	E. F. Murphy	Shortall	Cont'd to Mar. 4. Request Defendant	
Feb. 17	Bill Trulis	State Milk Law	E. F. Murphy	Deasy		Found guilty, fined \$10, Feb. 18
Feb. 17	George Cross	State Milk Law	Lydon	Deasy		Case dismissed, Feb. 18
Feb. 17	James Jacobsen	State Milk Law	Lydon	Deasy	Cont'd to Mar. 6. Request Defendant	
Feb. 17	Charles Lininger	State Milk Law	Lydon	Weller	Cont'd to Mar. 2. Request Defendant	
Feb. 17	Julius Anderson	State Milk Law	Lydon	Deasy		Found guilty, fined \$25, Feb. 18
Feb. 17	Louis Hendrickson	State Milk Law	Lydon	Conlan		Found guilty, fined \$25, Feb. 26
Feb. 17	Mitchel Bilafer	State Milk Law	Lydon	Weller		Found guilty, fined \$25, Feb. 18
Feb. 17	John Kosta	State Milk Law	Lydon	Deasy		Found guilty, fined \$25, Feb. 18
Feb. 17	Richard Jackel	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, Feb. 18
Feb. 17	Feranda Fischer	State Milk Law	Lydon	Conlan	Cont'd to Mar. 11. Request Defendant	
Feb. 17	Otto Larsen	State Milk Law	Lydon	Conlan		Found guilty, fined \$100, Feb. 25
Feb. 17	John Klesco	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, Feb. 24
Feb. 17	William Jordan	State Milk Law	Lydon	Weller		Found guilty, fined \$25, Feb. 18
Feb. 17	Thos. Sideres	State Milk Law	Lydon	Conlan		Found guilty, fined \$25, Feb. 24
Feb. 17	Peter Prevos	State Milk Law	Lydon	Shortall	Cont'd to Mar. 3. Request Defendant	
Feb. 17	William H. Worden	State Milk Law	Lydon	Shortall		Found guilty, fined \$10, Feb. 20
Feb. 18	George Nikillis	State Milk Law	E. F. Murphy	Weller		Found guilty, fined \$10, Feb. 20
Feb. 18	Peter Geremia	State Milk Law	Lydon	Shortall		Found guilty, fined \$25, Feb. 19
Feb. 20	James Christ	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, Feb. 23
Feb. 20	John Secondo	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, Feb. 23
Feb. 20	Jacob Weirich	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, Feb. 26
Feb. 20	Otto Koch	State Milk Law	Lydon	Deasy		Found guilty, fined \$25, Feb. 23
Feb. 20	Nes. E. Holmer	State Milk Law	Lydon	Weller		Case dismissed, Feb. 23
Feb. 20	Patrick J. Ryan	Ordinance 1273	Dr. Hassler	Deasy		Case dismissed, Feb. 23
Feb. 23	Costa Balakos	State Milk Law	Lydon	Weller		Found guilty, fined \$10, Feb. 24
Feb. 23	Angelo Cerucci	State Milk Law	E. F. Murphy	Shortall	Cont'd to Mar. 3. Request Defendant	
Feb. 23	Sol. Lehman	State Milk Law	E. F. Murphy	Conlan	Cont'd to Mar. 9. 3d req. of Defend't	
Feb. 23	Nicholas Kariels	State Milk Law	E. F. Murphy	Shortall		Found guilty, fined \$25, Feb. 24
Feb. 23	Martin Tovaraz	State Milk Law	E. F. Murphy	Conlan		Case dismissed, Feb. 27
Feb. 23	Alma Hansen	State Milk Law	E. F. Murphy	Shortall		Case dismissed, Feb. 24
Feb. 23	Hans Ravn	State Milk Law	O'Connor	Shortall		Found guilty, fined \$25, Feb. 24
Feb. 23	James Colopoulos	State Milk Law	Murphy	Shortall		Found guilty, fined \$25, Feb. 24
Feb. 23	Remon Garcia	State Milk Law	Murphy	Shortall		Found guilty, fined \$25, Feb. 25
Feb. 23	Robert Luhman	State Milk Law	O'Connor	Weller		Found guilty, fined \$10, Feb. 24
Feb. 24	William Conduis	State Milk Law	O'Connor	Shortall		Found guilty, fined \$25, Feb. 25
Feb. 26	Neal Gallagher	State Milk Law	Lydon	Deasy	Cont'd to Mar. 3. 3d req. of Defend't	
Feb. 26	Julius A. Barany	State Milk Law	Lydon	Weller		Found guilty, fined \$10, Feb. 27
Feb. 26	Elia Boehini	State Milk Law	Lydon	Deasy	Cont'd to Mar. 3. Request Defendant	
Feb. 26	Henry Spyns	State Milk Law	Lydon	Deasy	Cont'd to Mar. 3. Request Defendant	
Feb. 26	Elisha Kimball	State Milk Law	E. F. Murphy	Weller		Case dismissed Feb. 27

SUMMARY

Pending at Last Report	13
Arrested during Month of February	59
Total	72
Convicted	41
Dismissed	15

Pending—February arrests (11); Previous Mos. (5)	16
Proof total	72
Fines imposed—February cases	\$755.00
Pending cases	70.00
Total	\$825.00

MATTHEW TIERNEY, Police Officer

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF MARCH, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

CURTIS HILLYER

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of March, 1909	579
Less Deaths of children under one week of age	14
Non-residents	16
Deaths by violence	50 80 529
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 13.35

DEATHS BY SEX		BY COLOR	
Males	356	White	553
Females	223	Chinese	18
		Japanese	5
		Black	3
BY SOCIAL CONDITION		BY NATIVITY	
Single	250	San Francisco	113
Married	185	Other parts of California	92
Widowed	120	Other States	112
Divorced	7	Foreign Countries	255
Unknown	17	Unknown	7

Still births registered (not included in mortality tables): Males, 26; Females, 17. Total, 43

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latin	Others
589	315	274	574	6	7	2	8	..	248	18	17	27	58	1	7	7	25	35	19	55	10	62

Annual Birth Rate per 1,000 Inhabitants	14.88
Marriage licenses issued	126

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of March, 1909

DEATHS

Five hundred and seventy-nine deaths were registered this month, or 34 less than in March 1908. The mortality rate for that month per 1000 of population was 17.28; this month it is 13.35. In 1907 it was 13.39.

Following is a comparative table showing the deaths from some principal causes for corresponding months of other years

Diseases	March 1907	March 1908	March 1909
Tuberculosis.....	69	66	80
Pneumonia, Lobar.....	55	49	42
Pneumonia, Broncho.....	29	21	17
Organic Heart Diseases.....	82	85	74
Bright's Disease.....	27	28	41
Disease Digestive System.....	41	52	42
Typhoid Fever.....	1	5	6
Diphtheria.....	7	11	4
Influenza.....	4	6	4

BIRTHS

Births registered totalled 589 as against 440 in March 1907 and 296 in 1908. The birth rate in 1907 was 12.42 per 1000, in 1908 it was 8.35 and this month it is 14.88. These figures show that the efforts of the department to secure proper registration of all births are meeting with success.

CONTAGIOUS DISEASES

The following table will indicate the cases of contagious diseases reported during the month as compared to corresponding periods in other years.

Diseases	March 1907	March 1908	March 1909
Diphtheria.....	33	68	65
Scarlet Fever.....	20	52	66
Smallpox.....	4	55	3
Measles.....	207	121	368
Whooping Cough.....	18	3	37
Mumps.....	1	14	111
Chicken-pox.....	7	28	28
Cerebro Spinal Meningitis.....	5	6	5
Pneumonia.....	42	28	51
Tuberculosis.....	68	69	186
Typhoid Fever.....	11	12	21

A study of this table will prove of interest. Note the falling off of smallpox cases reported, no doubt due to the enforcement of the compulsory vaccination law. The increase in the number of cases of non-quarantinable diseases, i. e., Measles, Whooping Cough, Mumps, etc., shows the result of persistent effort in the direction of requiring physicians to report all their cases. This is also true of Pneumonia and Tuberculosis as the figures will indicate.

DIVISION OF FUMIGATION

Three hundred and twenty-seven rooms were fumigated, representing 436,150 feet of space. In this work 5,650 oz. Formalin 424 lbs. Sulphur and 128 oz. Crude Carbolic Acid were used. Seventy-four Test Plates were placed. The Sanitary inspectors now pass upon all premises previous to disinfection and indicate to the Fumigators the work necessary to be done. This plan is found to work well and is conducted along scientific lines.

SCHOOL MEDICAL INSPECTION

Nineteen schools with a total enrollment of 10,300 pupils were inspected during the month. Visits to schools 262, to homes of pupils 274, total visits 536. As a result of this work 108 children were excluded from attendance, found to be suffering from the following complaints

Chicken-pox.....	2
Measles.....	23
Mumps.....	24
Whooping Cough.....	5
Acute Tonsillitis.....	8
Contagious Skin Disease.....	12
Pediculosis.....	18
Miscellaneous.....	4
Contacts.....	12

Five hundred and eleven children were found to be not successfully vaccinated, 337 of these submitted to this operation and 155 took successfully or 30 % of original number. One hundred and eighty-two were unsuccessful and March 30th there remained 174 yet to be operated upon.

SANITARY INSPECTION

In this division 12 new complaints were filed during month, 327 first inspections and re-inspections on complaints and cases in quarantine were made and 969 inspections on contagious diseases reported.

One hundred and thirty four quarantine placards were posted.

FOOD, MARKET AND INDUSTRIAL INSPECTION

A total of 391 inspections were made by the Food Inspection corps, and 200 lbs. of fish condemned and destroyed.; 140 samples of milk and 43 of other food stuffs were collected by these inspectors and turned over to Department Chemist for analysis; 5 nuisances were abated.

The Market Inspection force covered 3,181 inspections and passed upon 94,000 lbs. fish, 13,770 beeves, 7,981 calves, 23,255 hogs, 27,876 sheep, 22,008 lambs and poultry numbering 115,885.

Of the above the following were seized and condemned as unfit for food

11,900, lbs. fish, 6,700 lbs. beef, 346 calves, 165 sheep, 76 lambs, 60 hogs, 514 chickens.

The Industrial Inspector investigated 383 places occupied as factories, workshops, etc., and found 417 in Sanitary condition. Twenty-one nuisances were abated; work is progressing in three cases; 7 cases are in process of abatement; 4 manure and swill wagons, 8 scavenger wagons inspected and passed. Fifty-three inspections on car barns made.

DAIRY AND MILK INSPECTION

One hundred and nine dairies and 100 dairy depots and 9,203 cows were inspected during month. Ten cows were quarantined and 11 found to be tubercular were condemned and killed.

Sixty-seven milk cans destroyed as unfit for further use. 244 samples of milk taken for chemical analysis, 79 of these were obtained from milk wagons, 81 from R. R. depots and wharves, 11 from depots and dairies; 54 from restaurants; 19 from various other sources. Of this number 42 were found below standard, 23 sufficiently so to warrant arrest. Standard 3% milk fat; 8.5% solids not fat. See report of chemist and record of arrests for detailed account.

PLUMBING INSPECTION

Two hundred and eleven Plans were submitted to this division, representing 251 buildings. Sixty-seven permits were issued for repair work; 1,162 inspections were made on buildings in course of construction, 515 on complaints and 162 on work granted by permit. 80,260 feet cast iron sewer pipe, 20,080 feet iron stone sewer pipe and 585 curb traps were also inspected. 107 complaints were abated and 201 notices served.

BOARD ACTIONS

Thirty-seven new cases of insanitary premises were taken up by the Board for condemnation and vacation.

Final action taken on 11 cases from previous months.

Twenty-five insanitary premises were condemned and following nuisances were abated by following means

By repair.....	23
By demolition.....	7
Re-condemned under new ordinance.....	1
Total	31
In process of abatement	109

ARRESTS

Forty-three arrests were made during month, most of these for violating State Milk law. Twenty-six offenders were convicted, 9 cases dismissed and 8 continued. Fines imposed \$465 for March cases and \$195 for cases pending from previous months.

DIVISION OF LABORATORIES

In the Chemical Laboratory 254 samples milk, 37 of meat, 8 of suspected preservatives, 123 of drinking water and 4 miscellaneous samples were analyzed.

See report under appropriate heading for results, also for report of Bacteriologist and Toxicologist.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month Mar., 1909	SEX		AGE BY YEARS											SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
DEATHS FROM ALL CAUSES	579	356	223	51	50	101	14	16	45	69	90	71	80	93	250	185	144	533	18	5	
I. General Diseases	196	120	76	8	24	32	8	9	21	36	39	21	18	12	106	58	32	182	11	2	
II. Diseases of Nervous System	47	27	20	7	8	15	2	2	1	7	6	7	7	20	12	15	47				
III. Diseases of the Circulatory System	88	48	40	1	1	1			4	4	7	9	23	40	17	31	40	86	2		
IV. Diseases of the Respiratory System	74	42	32	9	11	20	1	4	5	10	5	16	13	28	24	22	70	2	2		
V. Diseases of the Digestive System	42	22	20	8	4	12	1	2	2	4	9	4	6	2	19	16	7	40	1	1	
VI. Diseases of the Genito-Urinary System	50	37	13	1	1	1	1	2	4	5	6	17	7	20	19	11	48	2			
VII. Childbirth	2		2					1			1					2		2			
VIII. Diseases of the Skin	1	1		1		1									1			1			
IX. Diseases of the Locomotor System																					
X. Malformations	1	1		1		1									1			1			
XI. Early Infancy	14	11	3	14		14									14			13			
XII. Old Age	12	4	8											12	1	2	9	11			
XIII. Violence	50	42	8	2		2	1	2	8	14	11	9	3		21	21	8	50			
XIV. Ill-Defined Diseases	2	1	1	1	1	2									2			2			
General Diseases																					
(a) Epidemic Diseases																					
1. Typhoid Fever	6	4	2				1	2	1	2					5	1		5	1		
2. Typhus, Exanthematic																					
3. Fever, Recurrent																					
4. Fever, Intermittent and Malarial Cachexia																					
5. Smallpox																					
6. Measles	11	5	6	2	9	11									11			10			
7. Scarletina	3	1	2	1	1	1	1	1							3			3			
8. Whooping Cough	2		2	1	1	2									2			2			
9. Diphtheria	4	4					4								4			4			
9a. Croup																					
10. Influenza	4	2	2	1		1						1		2	2		2	4			
11. Miliary Fever																					
12. Cholera, Asiatic																					
13. Cholera, nostras																					
14. Dysentery																					
15. Pest (Plague)																					
16. Yellow Fever																					
17. Leprosy																					
18. Erysipelas	2	1	1	1		1							1		1		1	2			
19. Other Epidemic Diseases																					
(b) Other General Diseases																					
20. Purulent Infection and Septicæmia	2	1	1						1	1					2			2			
21. Glanders and Farcy																					
22. Malignant Pustule and Charbon (Anthrax)																					
23. Rabies																					
24. Actinomycosis, Trichinosis, etc.																					
25. Pellagra																					
26. Tuberculosis of Larynx																					
27. Tuberculosis of Lungs	80	59	21	2		2		5	15	22	21	7	7	1	39	31	10	70	10		
28. Tuberculous Meningitis	11	5	6	1	9	10					1				11			11			
29. Tuberculosis, Abdominal	6		6		3	3			2	1					4	2		4		2	
30. Pott's Disease																					
31. Tuberculous Abscess																					
32. White Swelling																					
33. Tuberculosis of Other Organs																					
34. Generalized Tuberculosis	3	1	2		1	1				1	1				1	2		3			
35. Scrofula																					
36. Syphilis	2	2									2					2		2			
37. Gonorrhea of the Adult																					
38. Gonorrheal Infections of Children																					
39. Cancer and Other Malignant Tumors of the Buccal Cavity	5	5									1	1	1	2	1	2	2	5			
40. Cancer and Other Malignant Tumors of the Stomach and Liver	13	11	2							3	1	4	4	1	6	5	2	13			
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	5	2	3				1				1		2	1	2	2	1	5			
42. Cancer and Other Malignant Tumors of the Female Genital Organs	8		8								4	2	1	1	1	3	4	8			
43. Cancer and Other Malignant Tumors of the Breast	2		2								1			1		1	1	2			

CAUSES OF DEATH (International Classification)		Deaths reported during month, Mar., 1909	SEX		AGE BY YEARS											SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.1	.1	.....	.....	.....	.....
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.....	.5	.4	.1	.....	.....	.....	.....	.....	.....	.2	.2	.....	.1	.1	.1	.3	.5	.....	.....	.....	.....
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47.	Rheumatism, Acute, Articular.....	.3	.1	.2	.....	.....	.....	.1	.1	.1	.....	.....	.....	.....	.3	.....	.....	.3	.....	.....	.....	.....
48.	Rheumatism, Chronic, and Gout.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.1	.....	.....	.1	.....	.....	.....	.....
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50.	Diabetes.....	.8	.3	.5	.....	.....	.....	.....	.....	.1	.1	.3	.2	.1	.1	.3	.4	.8	.....	.....	.....	.....
51.	Goitre, Exophthalmic.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.1	.....	.....	.1	.....	.....	.....	.....
52.	Addison's Disease.....	.1	.....	.1	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.1	.....	.....	.1	.....	.....	.....	.....
53.	Leukæmia.....	.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54.	Anæmia, Chlorosis.....	.1	.1	.....	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.....	.1	.....	.1	.....	.....	.....	.....
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56.	Alcoholism, Acute and Chronic.....	.6	.5	.1	.....	.....	.....	.....	.....	.1	.3	.2	.....	.....	.3	.2	.1	.6	.....	.....	.....	.....
57.	Lead Poisoning.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59.	Other Chronic Poisonings.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
II. Diseases of the Nervous System																						
60.	Encephalitis.....	.1	.....	.1	.....	.....	.....	.....	.....	.1	.....	.....	.....	.....	.1	.....	.....	.1	.....	.....	.....	.....
61.	Meningitis, Simple.....	.7	.3	.4	.4	.2	.6	.1	.....	.....	.....	.....	.....	.....	.7	.....	.....	.7	.....	.....	.....	.....
61a.	Meningitis, Epidemic Cerebro-spinal.....	.4	.3	.1	.4	.4	.....	.....	.....	.....	.....	.....	.....	.....	.4	.....	.....	.4	.....	.....	.....	.....
62.	Locomotor Ataxia, Progressive.....	.2	.2	.....	.....	.....	.....	.....	.....	.....	.1	.1	.....	.....	.....	.1	.2	.....	.....	.....	.....	.....
63.	Other Diseases of the Spinal Cord.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1	.1	.....	.....	.....	.....
64.	Apoplexy Cerebral.....	.18	.12	.6	.....	.....	.....	.....	.....	.1	.1	.3	.4	.5	.4	.1	.7	.18	.....	.....	.....	.....
65.	Cerebral Softening.....	.4	.4	.....	.....	.....	.....	.....	.....	.....	.1	.1	.1	.1	.1	.3	.4	.....	.....	.....	.....	.....
66.	Paralysis.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.1	.....	.1	.1	.....	.....	.....	.....
67.	Paralysis, General, of Insane.....	.1	.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.1	.1	.....	.....	.....	.....
68.	Other forms of Mental Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69.	Epilepsy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71.	Convulsions of Children.....	.3	.3	.3	.....	.3	.....	.....	.....	.....	.....	.....	.....	.....	.3	.....	.....	.3	.....	.....	.....	.....
72.	Tetanus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73.	Chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74.	Other Diseases of the Nervous System.....	.2	.1	.1	.....	.....	.....	.....	.....	.....	.2	.....	.....	.....	.....	.1	.1	.2	.....	.....	.....	.....
75.	Diseases of the Eye and Its Adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76.	Diseases of the Ear.....	.3	.1	.2	.....	.2	.2	.1	.....	.....	.....	.....	.....	.....	.3	.....	.3	.....	.....	.....	.....	.....
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	.1	.....	.1	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.....	.1	.....	.1	.....	.....	.....	.....
78.	Endocarditis, Acute.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79.	Organic Diseases of the Heart.....	.74	.41	.33	.....	.1	.1	.....	.....	.3	.3	.7	.7	.21	.32	.15	.24	.35	.72	.2	.....	.....
80.	Angina Pectoris.....	.2	.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.1	.1	.....	.2	.....	.....	.....	.....
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	.9	.4	.5	.....	.....	.....	.....	.....	.1	.....	.1	.1	.6	.1	.4	.4	.9	.....	.....	.....	.....
82.	Embolism and Thrombosis.....	.2	.1	.1	.....	.....	.....	.....	.....	.1	.....	.....	.....	.1	.....	.1	.1	.2	.....	.....	.....	.....
83.	Diseases of the Veins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85.	Hemorrhages.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88.	Diseases of the Larynx.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89.	Diseases of the Thyroid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
90.	Bronchitis, Acute.....	.6	.1	.5	.2	.1	.3	.....	.....	.....	.....	.....	.2	.1	.4	.1	.1	.5	.1	.....	.....	.....
91.	Bronchitis, Chronic.....	.5	.3	.2	.....	.....	.....	.....	.....	.1	.1	.....	.3	.4	.1	.1	.3	.1	.....	.....	.....	.....
92.	Broncho-Pneumonia.....	.17	.9	.8	.4	.5	.9	.1	.....	.....	.1	.....	.3	.3	.10	.2	.5	.17	.....	.....	.....	.....
93.	Pneumonia.....	.42	.25	.17	.3	.5	.8	.....	.....	.4	.3	.7	.5	.10	.5	.13	.17	.41	.....	.....	.....	.....
94.	Pleurisy.....	.2	.2	.....	.....	.....	.....	.....	.....	.....	.....	.1	.....	.1	.....	.....	.1	.2	.....	.....	.....	.....
95.	Pulmonary Congestion and Apoplexy.....	.2	.2	.....	.....	.....	.....	.....	.....	.1	.1	.....	.....	.....	.....	.2	.1	.1	.....	.....	.....	.....
96.	Gangrene of the Lung.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
97.	Asthma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
98.	Pulmonary Emphysema.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Mar., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa.																					
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach	5	3	2			1			1	1	1	1		1	3	1	4	1			
104.	Gastritis	1	1											1		1	1					
104a	Other Diseases of the Stomach (Cancer excepted)																					
105.	Diarrhoea and Enteritis (under 2 years)	10	6	4	8	2	10								10			9			1	
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)	7	2	5				1	1		2	1	2		1	4	2	7				
107.	Intestinal Parasites																					
108.	Hernia	1		1										1		1		1				
108a	Obstruction of Intestines	4	1	3		2	2			1			1		2	1	1	4				
109a	Other Diseases of the Intestines	1	1							1					1			1				
110.	Acute Yellow Atrophy of Liver																					
111.	Tumors, Hydatid, of the Liver																					
112.	Cirrhosis of the Liver	7	3	4							4	1	2		2	3	2	7				
113.	Biliary Calculi																					
114.	Other Diseases of the Liver																					
115.	Diseases of the Spleen																					
116.	Peritonitis, Simple (Puerperal excepted)	1	1								1					1		1				
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
118.	Appendicitis and Abscess of the Iliac Fossa	5	4	1					1	1	1	1	1		2	2	1	5				
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute	4	4			1	1			1		1	1		3	1		4				
120.	Bright's Disease	41	32	9				1	2	3	3	5	14	7	6	15	16	10	39	2		
121.	Other Diseases of the Kidneys																					
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder																					
124.	Diseases of the Urethra, Urinary Abscess, etc.																					
125.	Diseases of the Prostate	1	1												1			1				
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal)																					
129.	Tumors, Uterine (noncancerous)	2		2						1		1			1	1		2				
130.	Other Diseases of the Uterus	1		1						1						1		1				
131.	Ovarian Tumors and Cysts	1		1								1					1	1				
132.	Diseases of Tubes																					
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth																						
134.	Accidents of Pregnancy																					
135.	Hemorrhage, Puerperal																					
136.	Other Accidents of Labor																					
137.	Puerperal Septicæmia	1		1							1					1		1				
138.	Puerperal Albuminuria and Convulsions	1		1				1								1		1				
139.	Phlegmasia Alba Dolens Puerperal																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII. Diseases of the Skin																						
142.	Gangrene																					
143.	Carbuncle																					
144.	Abscess																					
145.	Other Diseases of the Skin	1	1		1		1								1			1				

MONTHLY STATEMENT OF DEATHS—CONT'D

[illegible]

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS
(Arranged according to Calendar Year)

	1908 March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1909 Jan.	Feb.
General Diseases.....	162	150	163	129	142	130	134	139	153	144	151	143
Diseases of Nervous System.....	64	37	57	50	31	45	42	51	31	46	50	46
“ of Circulatory System.....	106	67	84	73	61	62	62	63	84	73	90	92
“ of Respiratory System.....	83	52	64	52	47	47	42	54	70	80	66	59
“ of Digestive System.....	52	41	29	42	61	55	54	45	45	53	37	37
“ of Genito-Urinary System.....	43	46	31	30	37	48	35	45	48	36	58	50
Childbirth.....	4	5	9	8	6	4	2	6	4	2	6	6
Disease of the Skin.....	1	2	4	1	2	2	1	1	2	2	1	1
“ of Locomotor System.....	.....	1	1	.....	5	.....	1	.....	1	1	1	..
Malformations.....	4	1	5	3	8	3	3	4	3	2	4	1
Early Infancy.....	22	18	24	15	23	28	14	26	19	17	30	29
Old Age.....	7	5	9	7	4	7	6	6	15	13	10	16
Violence.....	60	47	61	61	54	54	42	49	41	56	46	51
Ill Defined Diseases.....	5	1	1	10	5	3	10	9	3	3	3	..
Total Deaths.....	613	473	542	481	486	488	447	498	519	528	553	531
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	17.28	13.32	15.24	13.56	13.68	13.68	12.60	14.04	14.64	14.76	13.92	13.40
Under 1 Year.....	68	51	68	61	93	72	64	62	62	60	70	63
1 to 5 Years.....	26	24	19	16	20	20	16	19	19	27	20	26
5 to 70 Years.....	422	330	378	334	304	306	302	328	349	350	365	341
70 and Over.....	97	68	77	70	69	80	65	89	89	91	98	101
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	215	172	224	216	203	203	178	207	189	189	213	192

COMPARATIVE STATEMENT OF DEATHS BY MONTHS
(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	.....	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS
(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	.....	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.										U. S. Institutions				En Route — In Bay — Public Parks, Etc.										At Place of Residence.
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Acatraz Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Ferry Boat (Bay)	On Board Ship (Bay)	Golden Gate Park	Washington Square			
4	13	14	1	1						133	3	5				3	1			1	1			359

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries														To Medical Colleges, Etc.						
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead
73			2		10	1		89	2	11	11	20	8	31		83	19		18			40	8	1	67	693	60

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																					
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
26	3	14	43	3					89	5	2	14	1	26	1			3			1		12		6	12	12		10	4	89

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each)	22	\$16.50	
													Same—For Pension Purposes, Etc.....		No Fee Charged	
													Certified Copies Death (at 75c. each).....	62	\$46.50	
													Same—For Pension Purposes, Etc.....	3	No Fee Charged	
													Permits for Removal of Bodies and Ashes.	87	No Fee Charged	
													Same—(at \$10 each).....	2	\$ 20	
2	2	1	5	3	3		4	6	11	329	21		Total.....	177	\$83.00	

Total, 387

Total of all permits, etc., issued, 564

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

To March 31, 1909

	APPROPRIATION	ALLOWANCE MAR.	EXPENDED MAR.	SURPLUS OR DEFICIT FOR MAR.	TOTAL SURPLUS MAR. 31	BALANCE REMAINING
SPECIAL SANITATION	\$12,136.00	\$ 400.00	\$ 646.54	\$ 246.54***	\$.47	\$.47
CENTRAL OFFICE:						
Salaries			5,887.05			
Expenses	80,920.00	6,743.33	1,064.27	207.99***	1,086.40	21,316.39
			\$6,951.32			
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09***	90.66	9,789.43
Expenses	12,000.00	1,000.00	911.19	88.81	1,643.57	4,643.57
CITY AND COUNTY HOSPITAL:						
Salaries			3,923.35			
Expenses	125,000.00	10,416.66	7,317.40*	824.09***	730.45	31,980.45
			\$11,240.75			
RELIEF HOME:						
Salaries			5,368.95			
Expenses	165,000.00	13,750.00	9,213.39	832.34***	2,995.51	44,245.51
			\$14,582.34			
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			825.00
Expenses	3,000.00	250.00	205.53	44.47	295.56	1,045.56
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	435.00			1,305.00
Expenses	5,000.00	416.66	342.30	74.36	466.04	1,716.04
Totals	\$450,426.00	\$36,919.56	\$38,849.97	Surp. \$207.64 Def. 2,138.05	\$7,308.66	\$116,867.42

Of the \$15,000.00 appropriated for the care of patients in private hospitals, \$11,866.32 has been expended, leaving a balance of \$3,133.68.

*\$1,142.02 expended for care of patients in private hospitals.

***In these five instances Central Office, Salaries Emergency Hospital, Relief Home, City and County Hospital and Special Sanitation, the 1-12 allowances for the month were overdrawn, but there was a surplus from previous months and the allowances for the nine months already passed of this fiscal year have not been overdrawn.

The above statement is made upon the amount of the supplies contracted for, and when all bills are filed there will be some change, but not a material one, in the above figures.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from February	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED															
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	TOTAL	Remaining in Hospital Mar. 31	Committed to State Hospital for Insane at					
														Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	7	766	773	377	146	64	64	4	97	6	8	766	7	....	....	....	...	...	....
Harbor.....	....	411	411	374	....	....	8	2	27	...	....	411	....	....	....	....	...	...	....
Potrero.....	....	203	203	188	....	....	1	....	12	2	....	203	....	....	....	....	...	...	....
Park Ambulance Station.....	....	92	92	91	....	....	....	....	1	...	....	92	....	....	....	....	...	...	....
Insane Detention.....	....	64	64	20	....	....	....	....	1	....	....	....	1	....	..2	....	15	8	17
Totals.....	7	1536	1543	850	146	64	73	6	138	8	8	1472	8	....	...2	....	15	8	17

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from Feb.	Examined for Admission	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Remaining in Hospital Mar. 31	Average Number Patients During Month	
387			201	1	589	72	64	8	5	2	1	1	2	16	6	42	219	370	378	114

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from Feb.	Admitted	TOTAL	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Remaining in Home Mar. 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1322	71	1393	41	1	1	19	3	..	13	78	1315	37	51	753	613	117	482	98	41

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. remaining from Feb....	4	..	15	..	..	..
No. admitted.....	2	6	1	16	..	..
No. discharged.....	..	5	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining Mar. 31.....	..	1	..	16	..	..
No. diagnostic visits.....	36	..	..	..	..	..
No. necropsies performed...	..	..	..	..	..	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	103	....
Visits to patients.....	67	....
Sent to City and County hospital.....	4	....
Visits to jails.....	9	....
Patients in jail.....	*270	....
Visits to prisons.....	12	....
Patients in prison.....	211	....
No. of vaccinations.....	266	....
Special visits.....	10	....
Hospitals inspected.....	4	....

*270 patients treated 650 times by jail druggist under personal direction of physician.

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED													
													QUARANTINED			*INVESTIGATED										
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	Vaccinations Performed	
Jos. Butler, M.D.....	4	3	7	3	..	..	1	4	4	41	27	72	25	29	..	60	3	60	5	14	32	5	17	252	...	
H. L. Curtis, M.D.	4	3	7	4	..	..	3	7	3	93	140	236	..	..	..	..	..	..	..	..	..	..	..	..	..	
J. A. Kuykendall, M.D..	..	..	..	..	..	..	..	..	..	60	65	125	17	8	3	66	1	168	6	7	50	12	17	367	10	
F. C. Muller, M.D.....	2	6	8	6	1	..	1	8	6	120	34	160	23	29	..	60	1	140	10	16	29	11	17	336	..	
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
*Totals....	10	12	22	13	1	..	5	19	13	314	266	593	65	66	3	186	5	368	21	37	111	28	51	969	10	

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Glanders 5 Ringworm 3
Erysipelas 5 Rotheln 1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
42	32	6	92	..	6	..	5	10	193	327	436,150	5,650	424	128	74		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	115			261		2		2					4		7
E. F. Murphy	276		10	1		75		13					3		13
Totals	391		10	262		77		15					7		20

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods Dried Fruits	Meats and Fish	Poultry and Game	Miscellaneous
	Rhubarb..... 5 boxes		Fish 200 lbs.	Geese..... 1	

Samples taken for Analysis 43

Nuisance complaints referred to Sanitary Division
 Notices served

Nuisance complaints referred to Plumbing Division.....

Nuisances abated by written notice..... 5
 " " " verbal "

For arrests—See under "Report of Arrests."

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE									ARRESTS MADE						
	No. of Dairy Inspections	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
C. L. Roadhouse, D. V. S.. Chief.	35	1	36	4015	4	7	..	32	..	..	..	..	..	..	..	..
W. E. Lendrum.....	53	27	80	3593	3	2	..	11	..	..	..	..	..	..	..	..
E. B. O'Connor.....	21	72	93	1595	3	2	..	24	..	..	..	..	..	..	..	..
Totals.....	109	100	209	9203	10	11	..	67	..	..	..	..	..	..	..	..

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum.....	41	3	3	35	..	..	..	..	..	..	..	..	..	..	..	..
T. P. Lydon	48	29	1	..	..	1	17	..	..	11	10	21	13	\$265	4	4
E. F. Murphy.....	92	35	3	..	16	..	36	2	..	3	18	21	18	360	..	3
E. B. O'Connor	63	12	4	46	..	..	1	..	..	..	12	12	..	..	12	..
Totals.....	244	79	11	81	16	1	54	2	..	14	30	44	31	\$625	6	7

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	...	191	182	43	56	321	793	90000	500	2053	1800	700	300	21600
S. J. Campbell.....	540	...	...	..	...	...	540	...	4725	1400	10705	12368	9854	...
W. H. Jordan.....	360	...	...	..	...	...	360	...	4725	1000	7500	12368	9854	...
T. McEnroe.....	...	188	203	54	...	301	746	...	620	2053	1350	840	550	46010
John Regan.....	38	640	...	34	30	...	742	4000	3200	1475	1900	1600	1450	48275
Totals	938	1019	385	131	86	622	3181	94000	13770	7981	23255	27876	22008	115885

Condemnations and Seizures

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
John Brown.....	11900	1500	13	.....	.....	.....	210	.....	.....	6	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	.....	450	151	86	43	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	1250	127	77	33	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	14	.....	.....	.....	.....	295	.....	.....	5	.....	.....	.....	.....	.....	.....
John Regan.....	.....	3500	41	2	.....	2	9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	11900	6700	346	165	76	49	514	.....	.....	11	.....	.....	.....	.....	.....	.....

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8105	2400	17568	12554	10705
Supplied from Outside of City..	5133	5733	6581	5066	5251
Totals	13238	8133	24149	17620	15956

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	131	124	7	1	5	1	6	..	5	..
Bath Houses.....	11	10	1	..	1	..	..	..	..	..
Laundries.....	92	90	2	..	2	..	..	..	2	..
Garment and Shoe Factories.....	9	7	2	..	..	2	2	..	2	..
Cigar Factories.....	13	11	2	..	1	..	4	1	1	..
Restaurants.....	89	78	11	..	7	2	2	2	8	..
Meat Markets.....	5	5	..	..	..	..	12	..	..	..
Candy Factories.....	6	6	..	..	..	..	..	..	..	..
Miscellaneous and Canneries.....	27	21	6	..	5	1	..	..	2	..
Stables and Manure Wagons.....	2	2	..	..	..	..	3	..	1	..
Scavenger Wagons.....	8	8	..	..	..	..	1	..	..	..
Swill Wagon.....	2	2	..	..	..	..	..	..	..	..
Car Barns.....	53	53	..	..	..	..	..	..	..	..
Totals.....	448	417	31	1	21	6	30	3	21	..

HY. D. MILLER, Inspector

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY				First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell(Chief).....	180	107	16	303	180	14400	3600	180	..	..	..	..	..	..	..	..	..	..	..
W. D. Hobro, Jr.....	230	111	30	371	230	18400	11500	111	22	19	41	12	22	34	20	1	3	10	36
H. R. Murphy.....	162	86	18	266	162	12960	6880	86	56	20	76	51	56	107	25	18	4	60	66
P. Mulligan.....	309	103	32	444	309	12000	1500	103	5	32	37	3	7	10	7	1	2	..	20
T. A. Casserly.....	131	28	24	183	111	10500	600	36	47	35	82	6	37	44	33	1	1	9	59
J. E. Sweeney.....	150	80	42	272	150	12000	6000	79	12	12	24	11	12	23	22	..	..	1	20
Totals.....	1162	515	162	1839	1142	80260	20080	585	142	118	260	83	134	218	107	21	10	80	201

New Fixtures Installed in Old Buildings

Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
81	56	45	74	23	11	23	..	11	13

ARRESTS MADE

Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
.....	2	2	.....	.....	2	.....

Number of Plans submitted.....211
 Number of Buildings represented...251
 Permits granted for repair work.....67

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condenned by taking up under New Ordinance	Total		
Dwellings.....	11	3	14	39	10	1	50	3	..	..	3	22	25
Stables.....	20	6	26	107	11	9	129	16	6	1	23	77	29
Miscellaneous.....	6	2	8	20	4	2	26	4	1	..	5	10	11
Total.....	37	11	48	168	25	12	205	23	7	1	31	109	65

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN, JULIETTE VON BENZON, KATHERINE WYNNE, (Graduate Nurses), Assistants

Report on 19 Schools enrolling 10,300 pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....262
No. visits to homes.....274

TOTAL VISITS.....536

108 children excluded on account of following named diseases:

Diphtheria.....	..	Acute Tonsilitis.....	8
Scarlet Fever.....	..	Contagious Skin Diseases.....	12
Chicken Pox.....	2	Pediculosis.....	18
Measles.....	23	Miscellaneous.....	4
Mumps.....	24	Contacts.....	12
Whooping Cough.....	5		

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	70	No. cases treated by operation.....	37
“ “ requiring medical attention.....	492	“ “ “ without operation.....	30
“ “ poorly nourished.....	25	“ “ “ by nurses in schools (new) 415 (old) 304.....	
“ “ affected with pediculosis (new) 183 (old) 62.....	..	“ “ reported to societies.....	3
“ “ “ “ contagious skin diseases (new) 136 (old) 51..	..		

VACCINATION REPORT

Number found to be not vaccinated.....	511	Number successfully vaccinated 155 or.....	30.3%
Number unsuccessfully vaccinated.....	182	Number remaining to be vaccinated.....	174

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	43	104	8	155
Sputum (for Tuberculosis).....	11	25	..	36
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	2	3	..	5
Water.....	..	..	..	25
Other Examinations.....	..	..	..	3
Milk.....	..	..	..	75
Disinfectants.....	..	..	..	37
Total Examinations.....	56	132	8	336

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	John Doe.....	Strychnine present
Stomach and washings.....	Coroner.....	John Doe.....	No poison present
Stomach and Bottle Medicine.....	Coroner.....	Mrs. Maud Johansen.....	Laudanum present
Stomach.....	Coroner.....	Walter Willis.....	No poison present
Stomach.....	Coroner.....	August Wonderly.....	No poison present
Stomach.....	Coroner.....	Wong Wing.....	No poison present
Stomach.....	Coroner.....	Lena Muzio.....	No poison present
Stomach.....	Coroner.....	John Williams.....	No poison present
.....			
.....			
.....			

Total number of samples analyzed during month, 8

No milks analyzed during March

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory during the month of March consisted of the analysis of 254 samples of milk, 37 samples of meat, 8 samples of suspected preservatives, 1 sample of butter, 1 sample of condensed milk, 1 sample of vinegar, 1 sample of dynamite and 23 samples of water. Total number of analyses, 326.

MILK

Samples taken from milk wagons.....	79	Below standard.....	5
Samples taken from milk depots.....	11	Below standard.....	1
Samples taken from shippers.....	81	Below standard.....	3
Samples taken from restaurants.....	54	Below standard.....	26
Samples taken from stores.....	17	Below standard.....	7
Samples taken from bakeries.....	2	Below standard.....	0
Samples submitted by public institutions	5	Below standard.....	0
Samples submitted by private individuals..	5	Below standard.....	0
Total number of samples analyzed....	254	Total number below standard.....	42
Percentage below standard.....			16.5
Samples sufficiently below standard to warrant arrest.....			23
Standard 3% milk fat; 8.5% solids not fat.			

Warrants for arrest were issued for the following

NAME	DEFICIENCY		
	Milk Solids	Added	
H. Condos, 397 Ninth Street (restaurant).....	0.8	3.17	Water
H. M. Smith, 364 Ninth Street (restaurant).....	0.8	.....	.....
Crist Aghandrites, 312 Connecticut Street (restaurant)..	0.7	.....	.....
C. D. Hawes, 488 Connecticut Street (depot).....	0.4	1.01	Water
L. Bosse, 99 Thirteenth Street (grocery).....	.....	0.61	.....
W. Schmidt, 1447 Harrison Street (grocery).....	.....	0.55	Water
J. McGurn, 1554 Harrison Street (grocery).....	1.9	.....	.....
T. Souvas, 1722 Market Street (Eagle restaurant).....	1.1	.....	.....
E. C. Nickom, 1603 Market Street (restaurant).....	0.8	.....	.....
F. Graeber, 1803 Mission Street (restaurant).....	0.2	0.46	.....
F. Pellegrini, 1561 Ellis Street, Campi's restaurant)...	0.4	0.48	.....
J. Kriwanek, 1520 Ellis Street (Phoenix Coffee House)...	0.1	0.58	.....
M. Loulas, 471 Valencia Street (Loving Cup restaurant)	0.1	0.4	.....
D. S. Berryman, 444 Valencia Street (Dan's restaurant)	.....	0.77	Water
C. Seput, 394 Valencia Street (Dairy Kitchen restaurant)	0.6	.....	.....
J. Moehlenbrock, 1901 Howard Street (grocery).....	0.4	.....	.....
F. E. Pritchett, 1210 Fillmore Street (restaurant).....	1.4	.....	.....
Kosta & Paras, 156 Eddy Street (Original Baltimore restaurant).....	.....	0.46	.....
F. Carevich, 248 Mason Street, Plaza Cafe.....	.....	1.08	Water
S. N. Miletich, 3005 Mission Street (restaurant).....	0.5	2.57	Water
J. Suren, 820 Kearny Street (New Western Parlor, restaurant).....	0.4	.....	.....
J. Kenneally, 3248 Eighteenth Street (grocery).....	0.7	0.08	.....
L. F. Owen, 2374 Mission Street (restaurant).....	0.7	.....	.....

COURT WORK (MILK CASES)

Cases in court.....	43	Convictions.....	31
Cases carried over.....	8	Dismissals.....	4
Total amount of fines.....	\$625	Average fine.....	\$21.61

MEAT

(Chopped and Sausage.)

Number of samples analyzed (representing 16 dealers).....	37
Number of samples found to contain dyes or chemical preservatives (representing 8 dealers)....	16
Ordered arrested.....	8

The samples of meat were all examined for chemical preservatives and coal tar coloring matters. The following were found to be adulterated

NAME	SUBSTANCE	ADULTERATION FOUND
M. Heinemann, 1040 McAllister Street.....	Sausage.....	Coal tar color and borates.
A. Augermann, 1708½ Fifteenth Street.....	Chopped meat.....	Sulphites.
	Bologna Sausage.....	Coal tar color.
	Frankfurters.....	Coal tar color.
Jos. Buttgenbach, 338 Fourth Street.....	Hamburger.....	Sulphites.
	Pork Sausage Meat.....	Sulphites.
	Frankfurters.....	Coal tar color.
R. Petrak, 150 Sixth Street.....	Frankfurters.....	Coal tar color.
Eagle Meat Packing and S. Mfg. Co., 420 Church....	Frankfurters.....	Borates and coal tar color.
	Bologna.....	Borates and coal tar color.
	Garlic Sausage.....	Borates.
Rathjen & Kupfer, 1318 Pacific Street.....	Frankfurters.....	Borates and coal tar color.
	Frankfurters.....	Borates and coal tar color.
G. Schold, 390 Valencia Street.....	Hamburg Steak.....	Sulphites.
	Pork sausage meat.....	Sulphites.
H. Prauv, 1318 Dupont Street.....	Frankfurters.....	Sulphites and borates.

COURT WORK (MEAT CASES)

Cases in court.....	5	Convictions.....	1
Cases carried over.....	4	Dismissals.....	0
Total amount of fines.....	\$25	Average fine.....	\$25

MISCELLANEOUS

Eight samples of suspected preservatives were submitted; 1 sample was found to be washing powder; 2 samples were found to be borax; one sample was found to be a mixture of potassium nitrate, borax and coal tar dye; 1 sample was found to be potassium nitrate; 1 sample was found to be a mixture of potassium nitrate and common salt; 1 sample was found to be a mixture of potassium nitrate, common salt, starch and sugar and 1 sample was found to be sodium sulphite. The samples of butter, condensed milk and vinegar were found to be unadulterated. 1 sample of dynamite was analyzed for the Police Department.

WATER

The regular monthly examination of the city water supply consisted of the analysis of 22 samples of water taken from the city distributing reservoirs and the Lakes Merced. One sample of well water was examined for the division of Sanitation. The analytical results obtained by these analyses are given below.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

LAB. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		
				265	88	177	27	0.0004	0.318	0.028	0.123	3	The average of the analyses of 78 samples of water taken from the city distributing reservoirs at intervals of one month during the year 1907-08.
530	Potrero Heights Reservoir...	Mar. 2	Slight turbidity	190	65	125	23	0.0	0.078	0.01	0.312	5	Sample taken at forebay, 2 ft. below surface.
531	College Hill Reservoir.....	Mar. 2	Slight turbidity	140	50	90	21	0.0	0.200	0.02	0.148	4	Sample taken at forebay, 6 ft. below surface.
532	University Mound Reservoir..	Mar. 2	Slight turbidity	188	55	133	21	0.0	0.514	0.014	0.186	4	Sample taken at forebay, 5 ft. below surface.
533	Lake Honda Reservoir.....	Mar. 2	Slight turbidity	148	53	95	23	0.001	0.42	0.02	0.130	4	Sample taken from boat in center of res'r., 5 ft. below surface.
534	North Lake Merced.....	Mar. 2	Turbid.....	270	80	190	60	0.0	0.000	0.014	0.330	6	Sample taken from boat in center of lake, 6 ft. below surface.
535	South Lake Merced.....	Mar. 2	Turbid.....	242	67	175	57	0.0	0.000	0.024	0.396	5	Sample taken from boat in center of lake, 6 ft. below surface.
536	Francisco St. Reservoir.....	Mar. 3	Slight turbidity	200	50	150	22	0.0	0.148	0.028	0.172	4	Sample taken at forebay, 1½ ft. below surface.
537	Presidio Heights Tank.....	Mar. 3	Slight turbidity	210	65	145	23	0.0	0.776	0.016	0.126	4	Sample taken from tank, 6 ft. below surface.
538	Clay Street Tank.....	Mar. 3	Clear.....	280	55	225	28	0.0	0.546	0.026	0.084	2	Sample taken from tank, 3 ft. below surface.
539	Lombard Street Reservoir...	Mar. 3	Slight turbidity	175	45	130	21	0.0	0.376	0.02	0.116	4	Sample taken at forebay, 4 ft. below surface.
540	Clarendon Heights Tank.....	Mar. 3	Slight turbidity	200	55	145	20	0.0	0.418	0.022	0.138	4	Sample taken from tank, 6 ft. below surface.
541	College Hill Reservoir.....	Mar. 16	Slight turbidity	142	40	102	20	0.001	0.2	0.02	0.132	4	Sample taken at forebay, 6 ft. below surface.
542	University Mound Reservoir..	Mar. 16	Clear.....	258	65	193	17	0.0	1.084	0.016	0.066	2	Sample taken at forebay, 6 ft. below surface.
543	South Lake Merced.....	Mar. 16	Slight turbidity	272	95	177	56	0.0	0.044	0.028	0.36	6	Sample taken from middle of lake, 6 ft. below surface.
544	North Lake Merced.....	Mar. 16	Slight turbidity	285	90	195	58	0.0	0.044	0.034	0.316	6	Sample taken from middle of lake, 6 ft. below surface.
545	Lake Honda Reservoir.....	Mar. 16	Slight turbidity	160	60	100	20	0.001	0.23	0.034	0.124	4	Sample taken from middle of lake, 6 ft. below surface.
546	Presidio Heights Tank.....	Mar. 16	Clear.....	245	70	175	20	0.0	0.996	0.016	0.09	3	Sample taken from tank, 6 ft. below surface.
547	Clarendon Heights Tank.....	Mar. 17	Clear.....	237	55	182	17	0.0	1.452	0.014	0.064	2	Sample taken at inlet, 3 ft. below surface.
548	Clay Street Tank.....	Mar. 17	Clear.....	280	85	195	28	0.0	0.548	0.024	0.076	2	Sample taken from tank, 4 ft. below surface.
549	Francisco Street Reservoir...	Mar. 17	Clear.....	230	65	165	17	0.003	0.94	0.028	0.102	3	Sample taken at forebay, 2 ft. below surface.
550	Lombard Street Reservoir...	Mar. 17	Slight turbidity	160	50	110	19	0.0	0.592	0.024	0.106	3	Sample taken at forebay, 4 ft. below surface.
551	Potrero Heights Reservoir...	Mar. 18	Clear.....	250	35	215	16	0.0	1.386	0.022	0.052	2	Sample taken at forebay, 2 ft. below surface.

MISCELLANEOUS

552	Well at 1113, 29th Ave., South	Mar. 17	Very turbid....	830	110	720	140	0.102	12.49	0.17	0.22	9	From open well about 75 ft. deep, cased with wood
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METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of March, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM		TOTAL DAILY MOTION		
											VEL.	DIREC.			
1	30.11	30.13	59	49	10	54	42	44	69	65	11	W	117	0	Clear
2	30.11	30.00	65	45	20	55	46	50	97	62	22	W	140	.04	Part Cloudy
3	29.97	30.00	58	50	8	54	47	49	82	72	26	SW	229	.11	Cloudy
4	30.10	30.14	54	47	7	50	40	34	67	51	16	W	181	.01	Part Cloudy
5	30.14	30.01	54	43	11	48	38	35	82	54	22	S	161	0	Part Cloudy
6	29.87	29.93	53	44	9	48	42	42	94	86	23	W	205	.73	Cloudy
7	30.13	30.23	56	45	11	50	42	47	87	71	17	NE	171	.02	Clear
8	30.24	30.14	61	49	12	55	40	44	65	59	18	NW	167	0	Clear
9	30.07	30.00	60	48	12	54	37	27	64	29	28	NE	239	0	Clear
10	30.09	29.91	64	49	15	56	32	34	50	32	31	NE	288	0	Clear
11	30.00	30.03	62	50	12	56	33	32	48	33	24	NE	252	0	Clear
12	30.12	30.16	67	46	21	56	44	39	93	47	13	W	134	0	Clear
13	30.24	30.20	57	47	10	52	42	43	82	69	19	W	180	0	Part Cloudy
14	30.17	30.06	55	48	7	52	44	42	85	74	17	W	180	0	Part Cloudy
15	29.98	29.92	57	47	10	52	40	38	76	54	15	W	142	0	Part Cloudy
16	30.01	30.07	56	46	10	51	43	46	86	78	16	SW	149	0	Cloudy
17	30.05	30.04	55	48	7	52	45	46	82	73	16	W	128	T	Cloudy
18	29.98	29.95	65	47	18	56	33	35	53	39	17	W	185	0	Clear
19	30.00	30.05	52	45	7	48	43	44	87	83	21	W	238	.05	Cloudy
20	30.05	29.83	51	42	9	46	31	37	55	74	34	SE	277	1.02	Cloudy
21	29.55	29.66	47	42	5	44	39	41	87	79	22	NE	184	.15	Cloudy
22	29.82	29.81	58	44	14	51	40	40	82	55	12	NE	133	0	Part Cloudy
23	29.80	29.82	55	46	9	50	44	44	87	83	20	SW	198	.14	Cloudy
24	29.92	30.01	54	46	8	50	42	44	79	75	16	SE	178	.26	Cloudy
25	30.02	30.04	56	47	9	52	43	44	81	70	15	S	119	.09	Part Cloudy
26	29.97	29.83	62	45	17	54	44	42	91	56	10	W	106	0	Clear
27	29.88	29.92	54	47	7	50	40	43	72	69	14	SW	181	T	Cloudy
28	29.95	29.92	56	48	8	52	44	45	85	81	22	SW	233	.25	Cloudy
29	29.97	30.19	55	41	14	48	40	34	80	50	23	W	196	.40	Part Cloudy
30	30.31	30.31	59	45	14	52	41	45	83	63	13	SW	126	0	Clear
31	30.33	30.30	60	48	12	54	46	47	92	65	13	W	115	0	Clear
MEANS....	30.031	30.020	57.3	46.3	11.1	51.7	40.9	41.2	78.2	62.9	34	SE	5532 178.6 Hourly Mean. 7.4	3.27	Clear.....11 Part Cloudy.... 9 Cloudy.....11

RECORD OF ARRESTS

MATTHEW TIERNEY,
Police Officer.

PENDING AT LAST REPORT

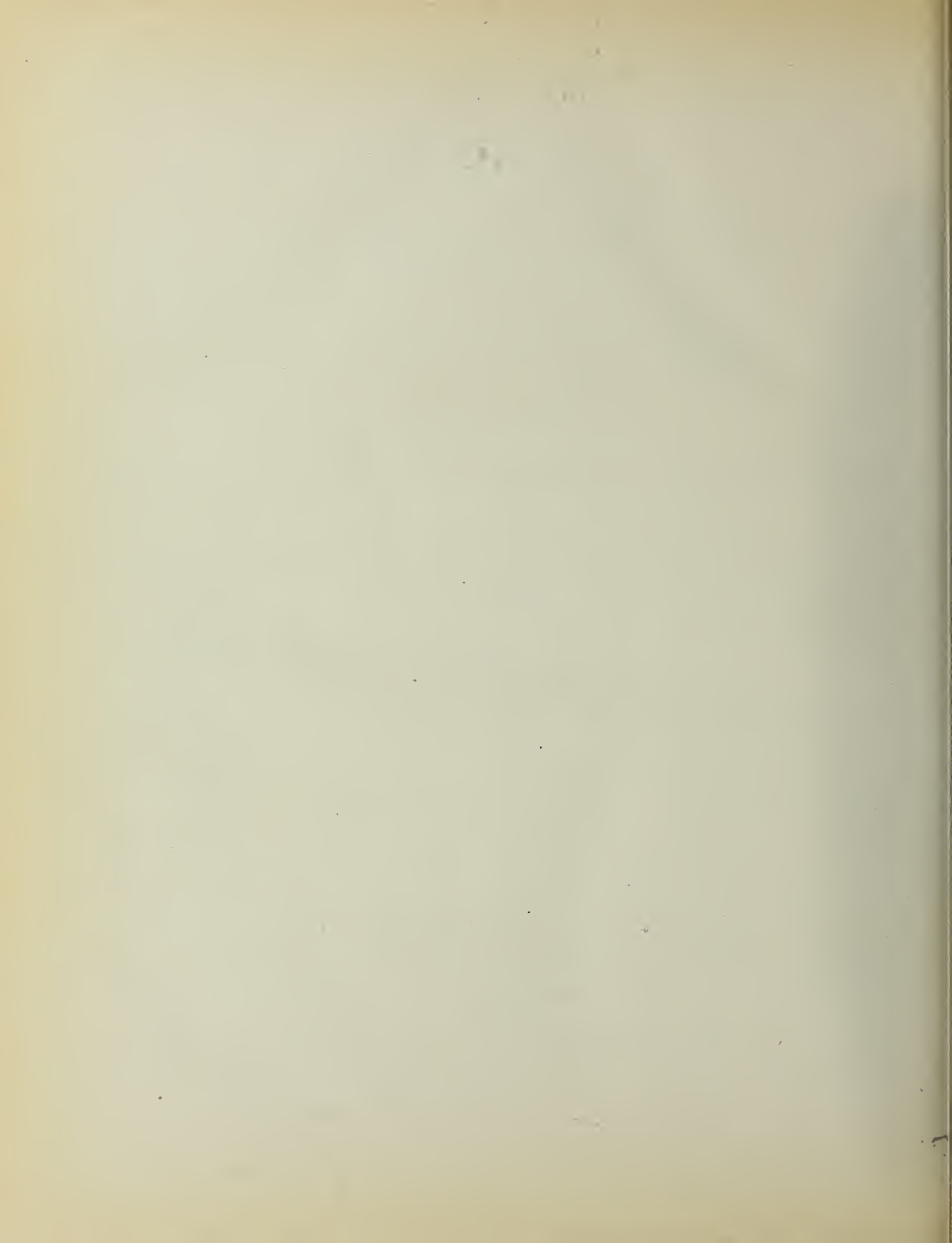
Arrest'd 1908	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
June 13	Frank Grannucci	Maintaining a nuisance	Miller	Weller	Cont'd to April 8, '09	Dismissed by req. com'p., Mar. 13.
July 27	Edward Green	State Milk Law	Lydon	Conlan	Cont'd to April 8, "	Found guilty, fined \$10, Mar. 24
Aug. 20	Edward Green	State Milk Law	Lydon	Conlan	Cont'd to April 1, "	Case dismissed, Mar. 2
Nov. 30	Peter Krone	State Milk Law	Lydon	Conlan	Cont'd to April 24, "	Found guilty, fined \$50, Mar. 12
Jan. 18	Mike Baggani	State Milk Law	Lydon	Deasy	Cont'd to April 8, "	Found guilty, fined \$25, Mar. 3
Feb. 3	Ed. Green	State Milk Law	C. C. Bucher	Deasy	Cont'd to April 8, "	Found guilty, fined \$25, Mar. 3
Feb. 17	Otto Maegel	State Milk Law	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 17	James Jacobsen	State Milk Law	Lydon	Deasy	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 17	Charles Liniger	State Milk Law	Lydon	Weller	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 17	Feranda Fischer	State Milk Law	Lydon	Conlan	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 17	Peter Prevos	State Milk Law	Lydon	Shortall	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 23	Angelo Cerutti	State Milk Law	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 23	Sol. Lehman	State Milk Law	E. F. Murphy	Conlan	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 26	Neal Gallagher	State Milk Law	Lydon	Deasy	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 26	Elia Bochini	State Milk Law	Lydon	Deasy	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3
Feb. 26	Henry Spyns	State Milk Law	Lydon	Deasy	Found guilty, fined \$25, Mar. 3	Found guilty, fined \$25, Mar. 3

ARRESTED DURING MONTH

Mar. 3	Philemon Fobouef	State Milk Law	E. F. Murphy	Deasy	Cont'd to April 5, '09	Found guilty, fined \$25, Mar. 8
Mar. 3	Thomas Furlong	State Milk Law	E. F. Murphy	Deasy	Cont'd to April 5, '09	Case dismissed, Mar. 5
Mar. 3	Albert Metzen	State Milk Law	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 3	Patrick F. Furlong	Ordinance 615	H. D. Miller	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 4	John C. Suhr	State Milk Law	O'Connor	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 4	John C. Suhr	State Milk Law	O'Connor	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 4	Manuel Silveria	State Milk Law	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 6	Steve Kodlick	Maintaining a nuisance	Dr. Curtis	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 9	Charles Bohling	State Milk Law	Lydon	Weller	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 9	Louis Foerster	State Milk Law	Lydon	Weller	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 9	Patrick Costello	Maintaining a nuisance	H. R. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 10	Earl Brumbaugh	State Milk Law	Lydon	Weller	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 10	Harry Schwartz	State Milk Law	Lydon	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 10	Dennis McGee	State Milk Law	Lydon	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 12	Frank Mozzetti	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 12	H. M. Smith	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 12	C. D. Hawes	State Milk Law	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 12	Christ Aghandrites	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	Joseph McGurn	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	Louis Bosse	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	Emory Nickom	State Milk Law	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	Joseph Pellegrini	State Milk Law	Lydon	Weller	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	John Kriwenek	State Milk Law	Lydon	Weller	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	Mick Tsouvas	State Milk Law	Lydon	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	Ferdinand Graeber	State Milk Law	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 16	Henry Lauberge	State Milk Law	Lydon	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 17	William Schmidt	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 17	Harry Condos	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 17	Oscar Angermann	Ordinance 655	Dr. Hassler	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 17	Moses Heineman	Ordinance 655	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 19	Peter Menjou	State Milk Law	Lydon	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 22	Samuel Andper	Ordinance 13	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 22	Denis Manolates	Ordinance 13	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 22	Thomas Throsos	Ordinance 13	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 22	Peter Sulas	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 22	Ciriko Seput	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 22	D. S. Berryman	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 24	Jos. J. Cook	Ordinance 615	J. E. Sweeney	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 29	Peter F. Rathjen	Ordinance 655	Lydon	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 29	Rudolph Petrak	Ordinance 655	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 29	Carl Buttgenbach	Ordinance 655	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 30	C. F. Hornung	Ordinance 655	E. F. Murphy	Shortall	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5
Mar. 30	John Moehlenbrock	State Milk Law	E. F. Murphy	Deasy	Found guilty, fined \$25, Mar. 8	Case dismissed, Mar. 5

SUMMARY

Pending at Last Report	16
Arrested during Month of March	43
Total	59
Convicted	34
Dismissed	11
Pending—March arrests (8); Previous Mos. (6)	14
Proof total	59
Fines imposed—March cases	\$465.00
“ “ Pending cases	195.00
Total	\$660.00



BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF APRIL, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D.

CURTIS HILLYER

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of April, 1909	513
Less Deaths of children under one week of age	8
Non-residents	16
Deaths by violence	56 80 433
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 10.93

DEATHS BY SEX				BY COLOR			
Males	298	White	496				
Females	215	Chinese	11				
		Japanese	5				
		Black	1				
BY SOCIAL CONDITION				BY NATIVITY			
Single	213	San Francisco	95				
Married	177	Other parts of California	68				
Widowed	99	Other States	97				
Divorced	3	Foreign Countries	237				
Unknown	21	Unknown	16				
Still births registered (not included in mortality tables): Males, 18; Females, 16. Total, 34							

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latino	Others
511	253	258	488	5	15	3	2	..	230	14	10	24	53	2	15	13	11	27	10	38	4	56

Annual Birth Rate per 1,000 Inhabitants	12.84
Marriage licenses issued	391

REPORT OF HEALTH OFFICER, R. G. BRODERICK, M. D.

For Month of April, 1909

DEATHS

Five hundred and thirteen deaths were registered this month as against 473 in April, 1908, and 561 in the same month of 1907. The mortality rate per thousand of population was 13.88 in 1907; in 1908 it was 11.25, and this month it is 10.93.

In 1907-08 the percentages were figured on a population of 425,000; at the present time the population is estimated at 475,000. Following is a comparative table, showing the deaths from some of the principal causes in the month of April for past three years.

	1907	1908	1909
Total deaths from all causes.....	561	473	513
FROM			
Tuberculosis.....	51	57	67
Pneumonia, Lobar.....	52	23	31
Pneumonia, Broncho.....	29	11	12
Organic Heart Diseases.....	75	53	72
Bright's Disease.....	23	33	27
Diseases Digestive System.....	50	41	36
Typhoid Fever.....	10	3	..
Diphtheria.....	6	12	8
Influenza.....	3	3	10
Scarlet Fever.....	1	..	..
Whooping Cough.....	6	..	5
Diseases Early Infancy.....	29	18	16
Deaths from Violence.....	40	47	56

BIRTHS

Five hundred and eleven births were recorded this month, as against 366 in corresponding period of 1908, and 405 in the year 1907.

The rate per thousand of population for the ensuing month is 12.72. In April, 1907, it was 11.43, in 1908 it was 10.33. Thus these figures show an increase of forty per cent in registration over the two past years.

CONTAGIOUS DISEASES

Following is a table indicating cases of contagious diseases reported, and figures showing comparison for three years past:

DISEASES	1907	APRIL 1908	1909
Diphtheria.....	31	82	69
Scarlet Fever.....	17	33	51
Smallpox.....	2	38	1
Measles.....	130	167	204
Whooping Cough.....	26	4	50
Mumps.....	2	14	60
Chickenpox.....	11	29	42
Cerebro Spinal Meningitis.....	18	9	2
Pneumonia.....	46	18	42
Tuberculosis.....	49	57	157
Typhoid Fever.....	15	9	11

DIVISION OF FUMIGATION

Three hundred and nineteen rooms were fumigated, representing 409,505 cubic feet of space. 5,616 ounces Formalin and 375 pounds sulphur were used for this work. 72 test plates were placed.

SCHOOL MEDICAL INSPECTION

513. Nineteen schools, enrolling 10,300 pupils, were inspected. 214 visits were made to the schools, and 299 home visits. Total.

One hundred and twenty-three children excluded from attendance, who were found suffering from various complaints, viz.:

Scarlet Fever.....	1
Chickenpox.....	8
Measles.....	16
Mumps.....	9
Whooping Cough.....	10
Acute Tonsillitis.....	2
Contagious Skin Diseases.....	9
Pediculosis.....	19
Miscellaneous.....	2
"Contacts".....	37

Three hundred and fifty-six children were found who had not been successfully vaccinated, 131 yet remain to be operated upon, 43 were vaccinated during month.

SANITARY INSPECTION

Sixteen new complaints were filed during the month, 303 special inspections were made, 428 first inspections and reinspections were covered, this number including quarantine inspections.

Inspections on reported cases of contagious diseases, 693.

One hundred and twenty-one quarantine placards were posted.

FOOD, MARKET AND INDUSTRIAL INSPECTION

One hundred and thirty-five inspections were covered by the Food Inspectors; 5 sacks potatoes and 550 pounds prunes were condemned and destroyed, 55 samples of various food stuffs were collected and turned over to Chemist for analysis, 4 nuisances were abated.

The Market Inspectors made 3341 inspections of abattoirs, markets, etc., and passed upon 264,000 pounds of fish, 13,742 beeves, 8,560 calves, 20,938 hogs, 22,665 sheep, 27,569 lambs and 155,335 head of poultry.

Of the above, 15,600 pounds of fish was seized and condemned; 10,580 pounds of beef, 181 calves, 49 sheep, 53 lambs, 38 hogs, 738 chickens, 8 turkeys, all of which were found to be unfit for food were also seized and destroyed.

The Industrial Inspector investigated 435 premises, occupied as bake-shops, candy factories and other work shops; 398 of these were found in good order; 12 nuisances were abated during the month and in others work is progressing; 51 inspections were made in various car barns.

DAIRY AND MILK INSPECTION

One hundred and twenty-seven dairies, 98 dairy depots and 10,686 cows were inspected; 11 cows were placed in quarantine, 8 were condemned and killed—found tubercular. 37 milk cans were destroyed as being unfit for further use.

Three hundred and fifteen samples of milk were taken for chemical analysis; 119 from milk wagons, 97 from restaurants, stores, bakeries, etc.; 88 from outside suppliers, 11 from other sources. Total number below standard, 97. Of these, 48 were sufficiently so to warrant arrest. Standard, 3.4% milk fat; 8.5% solids, not fat.

PLUMBING INSPECTION

Two hundred and forty-five plans, representing 414 buildings were submitted to this division; 78 permits were issued for repair work; 1,147 inspections were made on buildings in process of construction, 489 on completion and 143 on work granted by permit; 997 sewers, 79,260 feet cast-iron pipe, 30,930 feet iron stone pipe and 606 trap curbs were also inspected; 110 nuisances were abated and 188 notices served.

INSANITARY PREMISES CONDEMNED BY BOARD

Thirty-four new cases of insanitary premises were taken up by Board for condemnation and vacation.

Final action was taken on eight cases from previous months.

Twenty-one insanitary premises were declared abated by the following means: By repair, 15; by demolition, 5; re-condemned under new ordinance, 1.

ARRESTS

Sixty arrests were made during month and \$700 in fines were imposed in April cases alone and \$210 in cases from previous months; 40 offenders were convicted; 9 cases are still pending and 11 were dismissed. Most of those arrested were guilty of violations of State Milk and Dairy Law.

DIVISION OF LABORATORIES

The Chemist analyzed 315 samples of milk, 55 samples of chopped meat and sausage, and 23 samples of drinking water. A full report of results obtained is furnished under heading of this division in another part of this bulletin; see also report of Bacteriologist and Toxicologist for record of work performed by each of these divisions.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)		Deaths reported during month Apr., 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES		513	298	215	40	34	74	8	16	50	71	70	71	81	72	213	177	123	496	11	5	1	
I. General Diseases		163	93	70	4	17	21	4	6	20	34	24	24	19	11	72	66	25	155	7	1	1	
II. Diseases of Nervous System		36	22	14	1	4	5	2	2	2	2	3	2	12	6	14	9	13	34	1	1	1	
III. Diseases of the Circulatory System		83	46	37	1	1	1	1	1	5	4	10	10	32	21	19	26	38	83	1	1	1	
IV. Diseases of the Respiratory System		62	31	31	13	7	20	1	3	4	7	8	8	11	30	20	12	61	1	1	1		
V. Diseases of the Digestive System		36	17	19	2	4	6	1	3	6	9	5	5	1	16	14	6	36	1	1	1		
VI. Diseases of the Genito-Urinary System		38	23	15	1	1	2	2	5	3	5	13	3	5	10	19	9	36	2	1	1		
VII. Childbirth		8	8	8	1	1	1	2	2	4	1	1	1	1	2	6	6	8	1	1	1		
VIII. Diseases of the Skin		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
IX. Diseases of the Locomotor System		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
X. Malformations		16	11	5	16	16	16	1	1	1	1	1	1	1	16	1	1	16	1	1	1		
XI. Early Infancy		14	6	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
XII. Old Age		56	48	8	2	2	4	1	2	10	14	12	9	1	13	32	15	9	52	1	2	1	
XIII. Violence		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
XIV. Ill-Defined Diseases		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
General Diseases																							
(a) Epidemic Diseases																							
1. Typhoid Fever		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
2. Typhus, Exanthematic		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
3. Fever, Recurrent		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
4. Fever, Intermittent and Malarial Cachexia		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
5. Smallpox		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
6. Measles		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
7. Scarletina		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
8. Whooping Cough		5	1	4	1	4	5	2	1	1	1	1	1	1	5	1	5	1	1	1	1		
9. Diphtheria		8	7	1	5	5	2	1	1	1	1	1	1	1	8	1	8	1	1	1	1		
9a. Croup		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10. Influenza		10	2	8	1	1	1	1	1	1	1	1	1	6	4	2	3	5	10	1	1		
11. Miliary Fever		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
12. Cholera, Asiatic		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
13. Cholera, nostras		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
14. Dysentery		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
15. Pest (Plague)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
16. Yellow Fever		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
17. Leprosy		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18. Erysipelas		2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
19. Other Epidemic Diseases		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
(b) Other General Diseases																							
20. Purulent Infection and Septicæmia		3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	1	1	1		
21. Glanders and Farcy		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
22. Malignant Pustule and Charbon (Anthrax)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
23. Rabies		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
24. Actinomycosis, Trichinosis, etc.		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
25. Pellagra		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26. Tuberculosis of Larynx		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
27. Tuberculosis of Lungs		67	49	18	2	2	2	3	16	24	10	8	3	1	31	31	5	59	7	1	1		
28. Tuberculous Meningitis		7	4	3	5	5	2	1	1	1	1	1	1	1	7	1	7	1	1	1	1		
29. Tuberculosis, Abdominal		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
30. Pott's Disease		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
31. Tuberculous Abscess		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
32. White Swelling		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
33. Tuberculosis of Other Organs		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
34. Generalized Tuberculosis		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
35. Scrofula		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
36. Syphilis		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
37. Gonorrhea of the Adult		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
38. Gonorrheal Infections of Children		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
39. Cancer and Other Malignant Tumors of the Buccal Cavity		5	3	2	1	1	1	1	1	2	1	1	1	1	1	4	1	5	1	1	1		
40. Cancer and Other Malignant Tumors of the Stomach and Liver		14	4	10	1	1	1	1	1	1	2	5	5	1	1	8	5	14	1	1	1		
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum		3	2	1	1	1	1	1	1	1	1	2	1	1	1	3	1	3	1	1	1		
42. Cancer and Other Malignant Tumors of the Female Genital Organs		8	8	8	1	1	1	1	1	1	4	2	1	1	1	7	1	8	1	1	1		
43. Cancer and Other Malignant Tumors of the Breast		2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1		

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, Apr., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....																					
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	4	3	1						1		2		1	2	1	1	4				
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
47.	Rheumatism, Acute, Articular.....	2	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....	
48.	Rheumatism, Chronic, and Gout.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
49.	Scurvy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
50.	Diabetes.....	5	3	2	.....	.....	.....	.....	.....	.....	.....	2	3	1	1	3	5	.....	.....	.....	.....	
51.	Goitre, Exophthalmic.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	
52.	Addison's Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
53.	Leukæmia.....	3	2	1	.....	.....	.....	.....	1	2	.....	.....	.....	1	2	.....	3	.....	.....	.....	.....	
54.	Anæmia, Chlorosis.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	
55.	Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
56.	Alcoholism, Acute and Chronic.....	8	7	1	.....	.....	.....	.....	3	2	2	1	.....	4	4	.....	8	.....	.....	.....	.....	
57.	Lead Poisoning.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
58.	Other Professional Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
59.	Other Chronic Poisonings.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
II. Diseases of the Nervous System		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
60.	Encephalitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
61.	Meningitis, Simple.....	10	5	5	1	3	4	2	1	1	1	1	.....	9	.....	1	10	.....	.....	.....	.....	
61a.	Meningitis, Epidemic Cerebro-spinal.....	2	1	1	1	1	.....	1	.....	.....	.....	.....	.....	2	.....	.....	2	.....	.....	.....	.....	
62.	Locomotor Ataxia, Progressive.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
63.	Other Diseases of the Spinal Cord.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
64.	Apoplexy Cerebral.....	18	12	6	.....	.....	.....	.....	.....	2	2	10	4	1	8	9	16	1	1	.....	.....	
65.	Cerebral Softening.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2	2	.....	.....	.....	.....	
66.	Paralysis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
67.	Paralysis, General, of Insane.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	
68.	Other forms of Mental Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
69.	Epilepsy.....	2	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	1	2	.....	.....	.....	.....	
70.	Eclampsia (nonpuerperal).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
71.	Convulsions of Children.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	
72.	Tetanus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
73.	Chorea.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
74.	Other Diseases of the Nervous System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
75.	Diseases of the Eye and Its Adnexa.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
76.	Diseases of the Ear.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
III. Diseases of the Circulatory System		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
77.	Pericarditis.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	
78.	Endocarditis, Acute.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	
79.	Organic Diseases of the Heart.....	72	38	34	.....	.....	.....	.....	4	4	9	10	28	17	14	24	34	72	.....	.....	.....	
80.	Angina Pectoris.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	7	5	2	.....	.....	.....	.....	.....	.....	.....	4	3	3	1	3	7	.....	.....	.....	.....	
82.	Embolism and Thrombosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
83.	Diseases of the Veins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
84.	Diseases of the Lymphatics.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
85.	Hemorrhages.....	1	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	
86.	Other Diseases of the Circulatory System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
IV. Diseases of the Respiratory System		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
87.	Diseases of the Nasal Fossæ.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
88.	Diseases of the Larynx.....	1	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	
89.	Diseases of the Thyroid Body.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
90.	Bronchitis, Acute.....	6	1	5	4	4	.....	.....	.....	.....	.....	.....	2	5	1	.....	6	.....	.....	.....	.....	
91.	Bronchitis, Chronic.....	8	3	5	1	1	.....	.....	1	.....	1	.....	2	3	3	1	4	8	.....	.....	.....	
92.	Broncho-Pneumonia.....	12	4	8	2	4	6	.....	1	.....	.....	2	2	1	7	1	11	.....	.....	.....	.....	
93.	Pneumonia.....	31	20	11	6	2	8	.....	1	2	3	6	3	3	5	14	31	.....	.....	.....	.....	
94.	Pleurisy.....	3	2	1	.....	.....	.....	.....	.....	.....	1	3	1	.....	.....	3	3	.....	.....	.....	.....	
95.	Pulmonary Congestion and Apoplexy.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	.....	.....	
96.	Gangrene of the Lung.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
97.	Asthma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
98.	Pulmonary Emphysema.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
99.	Other Diseases of the Respiratory System (Phthisis excepted).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month Apr., 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa																					
101.	Tonsilitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach	1	1									1			1			1				
104.	Gastritis	2		2								1			1			2	2			
104a	Other Diseases of the Stomach (Cancer excepted)																					
105.	Diarrhoea and Enteritis (under 2 years)	4	3	1	2	2	4								4			4				
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)	1		1							1					1		1				
107.	Intestinal Parasites																					
108.	Hernia	1		1					1						1			1				
108a	Obstruction of Intestines	3	1	2		1	1					1	1		1	1	1	3				
109.	Other Diseases of the Intestines																					
110.	Acute Yellow Atrophy of Liver																					
111.	Tumors, Hydatid, of the Liver																					
112.	Cirrhosis of the Liver	13	6	7							4	5	1	3		5	6	2	13			
113.	Biliary Calculi	1	1														1	1				
114.	Other Diseases of the Liver	3	2	1							1	1					3	3				
115.	Diseases of the Spleen																					
116.	Peritonitis, Simple (Puerperal excepted)																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
118.	Appendicitis and Abscess of the Iliac Fossa	7	3	4		1	1		1	1		2	2		4	2	1	7				
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute	8	3	5				2	2		1	1	2		4	3	1	8				
120.	Bright's Disease	27	19	8						4	2	3	11	3	4	6	13	8	25	2		
121.	Other Diseases of the Kidneys	1	1														1	1				
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder																					
124.	Diseases of the Urethra, Urinary Abscess, etc.																					
125.	Diseases of the Prostate																					
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal)																					
129.	Tumors, Uterine (noncancerous)														1							
130.	Other Diseases of the Uterus																					
131.	Ovarian Tumors and Cysts	2		2						1		1				2		2				
132.	Diseases of Tubes																					
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth																						
134.	Accidents of Pregnancy	1		1							1						1	1				
135.	Hemorrhage, Puerperal	2		2							2					2	2	2				
136.	Other Accidents of Labor																					
137.	Puerperal Septicæmia	3		3						1	1	1				1	2	3				
138.	Puerperal Albuminuria and Convulsions	2		2						1	1					1	1	2				
139.	Phlegmasia Alba Dolens Puerperal																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII. Diseases of the Skin																						
142.	Gangrene																					
143.	Carbuncle																					
144.	Abscess																					
145.	Other Diseases of the Skin																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1909 Jan.	Feb.	March
General Diseases.....	150	163	129	142	130	134	139	153	144	151	143	196
Diseases of Nervous System.....	37	57	50	31	45	42	51	31	46	50	46	47
“ of Circulatory System.....	67	84	73	61	62	62	63	84	73	90	92	88
“ of Respiratory System.....	52	64	52	47	47	42	54	70	80	66	59	74
“ of Digestive System.....	41	29	42	61	55	54	45	45	53	37	37	42
“ of Genito-Urinary System.....	46	31	30	37	48	35	45	48	36	58	50	50
Childbirth.....	5	9	8	6	4	2	6	4	2	6	6	2
Disease of the Skin.....	2	4	1	2	2	1	1	2	2	1	1	1
“ of Locomotor System.....	1	1	.....	5	.....	1	.....	1	1	1	..	.....
Malformations.....	1	5	3	8	3	3	4	3	2	4	1	1
Early Infancy.....	18	24	15	23	28	14	26	19	17	30	29	14
Old Age.....	5	9	7	4	7	6	6	15	13	10	16	12
Violence.....	47	61	61	54	54	42	49	41	56	46	51	50
Ill Defined Diseases.....	1	1	10	5	3	10	9	3	3	3	..	2
Total Deaths	473	542	481	486	488	447	498	519	528	553	531	579
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	13.32	15.24	13.56	13.68	13.68	12.60	14.04	14.64	14.76	13.92	13.40	14.44
Under 1 Year.....	51	68	61	93	72	64	62	62	60	70	63	51
1 to 5 Years.....	24	19	16	20	20	16	19	19	27	20	26	50
5 to 70 Years.....	330	378	334	304	306	302	328	349	350	365	341	385
70 and Over.....	68	77	70	69	80	65	89	89	91	98	101	93
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	172	224	216	203	203	178	207	189	189	213	192	206

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	.....	.....	.....

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	.....	.....	.....

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.											U. S. Institutions				En Route — In Bay — Public Parks, Etc.													
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Ferry Boat (Bay)	On Board Ship (Bay)	Golden Gate Park							At Place of Residence,
40	11	14	1	1	1		1				123	2	4		2	1	4			1	1							306

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries																To Medical Colleges, Etc.				
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead
54			2		11	1		66		4	13	7	204	5	31	2	79	6		15	2	42	6	7	52	609	59

DISINTERMENTS AND REMOVALS

Disinterred From									Removed to																						
Calvary.	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
22		10	44	5	10				91	2		4		21				15				12	13	3	12	3	11		6	9	91

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED													TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.	31	\$23.25 No Fee Charged		
													Certified Copies Death (at 75c. each) Same—For Pension Purposes, Etc.	48 6	\$36.00 No Fee Charged		
													Permits for Removal of Bodies and Ashes. Same—at \$10 each)	90 1	No Fee Charged \$ 10		
2	1		18	8			1		17	279	10	1	Total	176	\$69.25		

Total, 320

Total of all permits, etc., issued, 496

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

To April 30, 1909

	APPROPRIATION	ALLOWANCE APR.	EXPENDED APR.	SURPLUS OR DEFICIT FOR APR.	TOTAL SURPLUS APR. 30	BALANCE REMAINING
SPECIAL SANITATION	\$ 12,536.00	\$ 400.00	\$ 468.28	\$ 68.28***	\$ 25.24	\$ 25.24
CENTRAL OFFICE:						
Salaries			582.250			
Expenses	80,920.00	6,743.33	1,097.57	176.74***	967.45	14,454.11
			\$6,920.07			
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09***	63.57	6,529.39
Expenses	12,000.00	1,000.00	1,174.47	174.47	1,483.63	3,483.63
CITY AND COUNTY HOSPITAL:						
Salaries			3,851.30			
Expenses	125,000.00	10,416.66	7,061.36*	496.00	56.13	20,889.46
			\$10,912.66			
RELIEF HOME:						
Salaries			5,498.20			
Expenses	165,000.00	13,750.00	9,395.26	1123.46***	1,578.27	29,078.27
			\$14,873.46			
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			550.00
Expenses	3,000.00	250.00	274.07	24.07	289.63	789.63
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	435.00			870.00
Expenses	5,000.00	416.66	388.58	28.08	473.93	1,307.25
Totals	\$450,826.00	\$36,919.56	\$38,981.59	Surp. \$ 28.08 Def. 2,090.11	\$4,937.85	\$ 77,976.98

* \$1,042.48 expended for care of patients in private hospitals.

Of the \$15,000 appropriated for the care of patients in private hospitals, \$13,989.44 has been expended, leaving a balance of \$1,010.56.

***In these seven instances Central Office, Salaries and Expenses, Emergency Hospital, Relief Home, City and County Hospital, Smallpox Hospital and Special Sanitation the 1-12 allowances for the month were overdrawn, but there was a surplus from previous months and the allowances for the ten months of this fiscal year have not been overdrawn.

The above statement is made upon the amount of the supplies contracted for, and when all bills are filed there will be some change, but not a material one, in the above figures.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from March	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED										Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	TOTAL	Remaining in Hospital April 30	Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	7	752	759	382	180	59	31	6	84	2	10	754	5	....	....	....	....	....	....
Harbor.....	....	481	481	438	....	....	17	1	24	1	....	481	....	....	....	....	....	....	....
Mission.....	....	132	132	107	....	....	11	....	13	1	....	132	....	....	....	....	....	....	....
Potrero.....	....	301	301	285	....	....	1	....	13	2	....	301	....	....	....	....	....	....	....
Park Ambulance Station.....	....	109	109	103	....	....	....	....	6	....	....	109	....	....	....	....	....	....	....
Insane Detention.....	....	62	62	18	....	....	....	....	2	....	....	....	....	....	1	....	18	10	13
Totals.....	7	1837	1844	1333	180	59	60	7	142	6	10	1777	5	....	1	....	18	10	13

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from March	Examined for Admission	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														
						DISCHARGED										Died	TOTAL	Remaining in Hospital April 30	Average Number Patients During Month	Average No. Officers and Employees
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission					
370	..	..	217	2	589	47	65	12	3	4	1	..	3	12	10	41	198	391	376	112

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from March	Admitted	TOTAL	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Remaining in Home April 30	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1315	73	1388	53	5	..	12	2	..	14	86	1302	40	41	781	698	243	572	99	39

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department	Leper Department	Plague Department
No. remaining from Mar....	1 ..	16 ..	.. ..
No. admitted	2 3	.. ..	1 (Suspect)
No. discharged.....	.. 2	.. ..	.. 1
No. of deaths.....	.. ..	.. ..	.. ..
No. remaining Apr. 30.....	.. 1	16 ..	.. ..
No. diagnostic visits.....	49 ..	.. ..	.. ..
No. necropsies performed...	.. ..	.. ..	3 ..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office	45	....
Visits to patients.....	74	....
Sent to City and County hospital.....	3	....
Visits to jails.....	12	....
Patients in jail.....	233	....
Visits to prisons.....	12	....
Patients in prison.....	149	....
No. of vaccinations	177	....
Special visits.....	9	....
Hospitals inspected.....	4	....

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	
Jos. Butler, M.D.....	1	4	5	3	1	1	...	5	...	57	82	139	27	14	...	52	1	57	3	14	9	12	12	201	...
H. L. Curtis, M.D.	3	6	9	3	1	4	1	9	6	96	123	225	...	...	...	...	...	...	...	...	...	...	...	...	...
J. A. Kuykendall, M.D...	..	..	..	..	..	..	..	..	..	70	85	155	15	14	1	53	..	79	4	20	15	15	15	234	...
F. C. Muller, M.D.....	1	6	7	5	..	..	2	7	6	193	13	212	27	23	...	52	1	68	4	16	36	15	15	258	...
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	5	16	21	11	2	5	3	21	12	416	303	731	69	51	1	157	2	204	11	50	60	42	42	693	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Erysipelas 2
Ringworm 1

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
57	42	2	78	..	2	..	..	1	182	319	409,505	5,616	375	...	72		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
P. Lydon	84	.....	1	36	.....	13	13	2	.....	.....	.....	.....	14	.....	5
F. Murphy	51	.....	.....	10	.....	21	.....	4	.....	.....	.....	.....	12	.....	4
Totals	135	.....	1	46	.....	34	13	6	.....	.....	.....	.....	26	.....	9

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods Dried Fruits	Meats and Fish	Poultry and Game	Miscellaneous
lbs. Prunes— from R. Hencken, 2320 Mission St.	5 Sacks Potatoes— from A. Mantke, 911 Folsom St.	.....	Fish 2600 lbs.	Turkeys..... 1	.....
.....					
.....					
.....					

Nuisance complaints referred to Sanitary Div- ision.....	Samples taken for Analysis 55 Nuisance complaints referred to Plumbing Division..... 1	Nuisances abated by written notice..... 3 " " " verbal "
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For arrests—See under "Report of Arrests."

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE									ARRESTS MADE						
	No. of Dairy Inspections	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Con- demned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
Roadhouse, D. V. S.. Chief.	42	1	43	4181	6	4	..	6	1	..	..	..	..	..	..	..
E. Lendrum	80	10	80	5930	4	4	1	12	..	..	..	..	..	..	..	..
B. O'Connor	5	97	102	575	1	..	..	19	..	..	..	..	..	..	..	..
Totals	127	108	225	10686	11	8	1	37	1	..	..	..	..	..	..	..

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
E. Lendrum	67	11	..	56	..	..	..	..	..	..	..	..	..	..	..	..
P. Lydon	106	48	..	..	..	2	56	..	..	4	33	37	26	\$605	7	4
F. Murphy	87	42	..	..	17	1	18	9	..	3	17	20	12	270	6	12
B. O'Connor	44	12	..	32	..	..	..	..	..	..	3	3	1	25	..	12
Totals	304	103	..	88	17	3	74	9	..	7	53	60	39	\$900	13	8

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	...	83	239	32	40	314	708	180000	500	1770	1200	500	400	217
S. J. Campbell.....	...	52	286	52	312	260	962	75000	27	2290	88	165	155	1027
W. H. Jordan.....	380	...	...	...	...	...	380	...	4870	1470	6350	9800	12607	...
T. McEnroe.....	475	...	...	...	...	...	475	...	4870	1470	11350	9800	12607	...
John Regan.....	42	720	...	30	24	...	816	9000	3475	1560	1950	2400	1800	308
Totals	897	855	525	114	376	574	3341	264000	13742	8560	20938	22665	27569	1553

*Condemnations and Seizures

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....	10600	...	19	...	12	...	310	...	...	...	...	...	...	...	...	...
S. J. Campbell.....	5000	...	13	...	...	...	428	8	...	...	...	...	...	...	...	...
W. H. Jordan.....	...	4180	70	35	35	23	...	...	...	...	...	...	...	...	...	...
T. McEnroe.....	...	4000	45	14	6	13	...	...	...	...	...	...	...	...	...	...
John Regan.....	...	2400	34	...	...	2	...	...	...	...	...	...	...	...	...	...
Total.....	15600	10580	181	49	53	38	738	8	...	...	...	...	...	...	...	...

*The above seizures were made from dealers as shown in the following table.

BEEF.

Philip Deller, Colma.....	2,400 lbs.
J. G. James, First avenue (South).....	2,992 lbs.
J. G. Johnson, Fifth and Railroad avenues.....	2,146 lbs.
Knier & Allen, Fifth and Railroad avenues.....	1,100 lbs.
Miller & Lux, First avenue (South).....	675 lbs.
Henry Levy, First avenue (South).....	1,273 lbs.

CALVES.

J. Hoffman, 23 Locust avenue.....	14
Herman & Sons, Bush and Franklin streets.....	1
Convey & Son, 8 Clay street.....	5
Michaellette Sons, 512 Davis street.....	3
Chambers, Lemos & Duncas, 169 Washington street.....	2
Delpero, 1509 Dupont street.....	1
J. Erasmey, Colma.....	15
S. Levy, 100 Russia avenue.....	3
S. Aftergut, 4301 Mission street.....	4
M. Strauss, 2327 Bryant street.....	3
J. Curza, 13 Lafayette street.....	1
Union Market, Tenth and Harrison streets.....	1
J. Nowland, 484 Haight street.....	2
F. Uri & Co., 1847 O'Farrell street.....	1
J. Schweitzer, 1412 Bush street.....	1
Gracia Bros., 118 Washington street.....	2
D. Biggs Co., Fifth avenue and N.....	17
Moffit & Co., First avenue (South).....	36
Philip Deller, Colma.....	7
J. G. James, First avenue (South).....	11
J. G. Johnson, Fifth and Railroad avenues.....	10
Knier & Allen, Fifth and Railroad avenues.....	18
Henry Levy, First avenue (South).....	23

SHEEP

William Taffee, Fifth and Railroad avenues.....	...
Clayborough & Co., First avenue (South).....	...
J. G. Johnson, Fifth and Railroad avenues.....	...
Henry Levy..., First avenue (South).....	...

LAMBS.

M. B. & S. Bianchi, 1502 Dupont street.....	...
Salis & Chicoys, Fifth and Railroad avenues.....	...
Clayborough & Co., First avenue (South).....	...

HOGS.

White Bros., Colma.....	...
Roth, Blum & Co., Sixth and Railroad avenues.....	...
Miller & Lux, Third and Railroad avenues.....	...
S. S. F. P. & P. Co., Fourth and M streets (South).....	...

CHICKENS.

Sanford Bros., 416 Front street.....	...
Armour & Co., Union and Battery.....	...
Bianchi Poultry Co., 321 Washington street.....	...
Harsbough Co., 260 Davis street.....	...

TURKEYS.

Bianchi Poultry Co., 317 Washington street.....	...
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FISH.

A. Paladini, 524 Merchant street.....	9,800
Western Fish Co., 518 Merchant street.....	5,800

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	7870	2870	15800	16607	11350
Supplied from Outside of City..	5508	4451	8073	8497	5906
Totals.....	13378	7321	23873	25104	17256

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
eries.....	115	108	7	..	4	2	5	1	2	..
h Houses.....	18	18	..	..	..	..	..	..	..	..
ndries.....	75	70	5	1	3	..	2	1	1	..
ment and Shoe Factories.....	5	4	1	..	1	..	1	..	1	..
r Factories.....	17	17	..	..	5	..	..	..	..	..
aurants.....	99	91	8	1	..	2	9	..	7	..
t Markets.....	10	10	..	..	..	..	..	..	..	..
dy Factories.....	9	9	..	..	8	..	..	..	..	..
cellaneous and Canneries.....	35	20	15	3	..	2	5	2	1	..
bles and Manure Wagons.....	1	..	1	1	..	..	..	..	..	..
Barns.....	51	51	..	..	..	..	..	..	..	..
.....	..	..	..	..	..	..	..	..	..	..
Totals.....	435	398	37	6	21	6	22	4	12	..

HY. D. MILLER, Inspector

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES									NOTICES				
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY						First Notices Served	Last Notices Served	Total		
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause				Remaining Unabated	
J. Farrell(Chief)	203	80	20	303	203	16240	2060	203	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D. Hobro, Jr.	192	62	11	265	192	15360	9600	62	21	10	31	10	21	31	18	2	2	9	21	16	37	..
R. Murphy	146	69	24	239	146	11680	5530	69	28	20	48	60	59	119	52	42	..	25	28	10	38	..
Mulligan	341	177	26	544	205	14000	8000	177	6	24	30	..	11	11	3	1	6	1	16	4	20	..
os. Casserly	134	33	40	207	120	11500	500	40	33	29	62	9	31	40	24	..	..	16	33	25	58	..
E. Sweeney	131	68	22	221	131	10480	5240	55	20	20	40	1	20	21	13	..	..	8	20	15	35	..
Totals	1147	489	143	1779	997	79260	30930	606	108	103	211	80	142	222	110	45	8	59	118	70	188	..

Number of Plans submitted.....245
Number of Buildings represented...414
Permits granted for repair work.....78

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
110	50	56	98	45	22	20	1	11	4

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
.....	2	2	1	\$10	1	.....

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condemned by taking up under New Ordinance	Total		
ellings	10	..	10	47	11	1	59	7	3	1	11	30	23
bles.....	16	3	19	106	13	7	126	2	1	..	3	22	17
cellaneous.....	8	5	13	21	8	2	31	6	1	..	7	20	28
Total.....	34	8	42	174	32	10	216	15	5	1	21	72	68

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN, LAURA M. SPONAGLE, JULIETTE VON BENZON, (Graduate Nurses), Assistants

Report on 19 Schools enrolling 10,300 pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....214
No. visits to homes.....299

TOTAL VISITS.....513

123 children excluded on account of following named diseases:

Diphtheria.....	1	Acute Tonsilitis.....	8
Scarlet Fever.....	8	Contagious Skin Diseases.....	16
Chicken Pox.....	16	Pediculosis.....	9
Measles.....	9	Contacts.....	10
Mumps.....	10	Miscellaneous.....	
Whooping Cough.....			

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	124	No. cases treated by operation.....	
“ “ requiring medical attention.....	50	“ “ “ without operation.....	
“ “ poorly nourished.....	7	“ “ “ by nurses in schools (new) 285 (old) 146.....	
“ “ affected with pediculosis (new) 68 (old) 68.....		“ “ reported to societies.....	
“ “ “ “ contagious skin diseases (new) 118 (old) 63..			

VACCINATION REPORT

Number remaining unsuccessfully vaccinated March 31.....	356	Carried forward.....	
There were re-vaccinated, but unsuccessfully.....	182	Number re-vaccinated during April.....	
Of this number remaining to be re-vaccinated.....	174	Number remaining April 30 to be re-vaccinated.....	

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	89	191	3	283
Sputum (for Tuberculosis).....	4	15	..	19
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	4	6	..	10
Water.....	..	..	..	24
Other Examinations.....	..	..	..	..
Milk.....	..	..	..	46
Disinfectants.....	..	..	..	35
Total Examinations.....	97	212	3	417

TOXICOLOGICAL DIVISION—FRANK T. GREEN. Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	Geo. Bentfeldt.....	Strychnine present
Stomach.....	Coroner.....	H. Christenson.....	No poison present
Stomach.....	Coroner.....	John Winkler.....	No poison present
Stomach.....	Coroner.....	E. C. Burke.....	Carbolic acid present
Stomach and bottle of liquid.....	Coroner.....	Patrick Murphy.....	No poison present
Stomach and Blood.....	Coroner.....	Paul Vincent.....	Carbon Monoxide present
Stomach.....	Coroner.....	Con Martin.....	No poison present
Stomach.....	Coroner.....	John R. Lewis.....	No poison confirmed
Stomach and bottle of liquid.....	Coroner.....	Alonzo Kayser.....	Potassium cyanide present
.....			
.....			
.....			

Total number of samples analyzed during month, 9

CHEMICAL LABORATORY

W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory for the month of April consisted of the analysis of 315 samples of milk, 55 samples of chopped meats and sausage, and 23 samples of water. Total number of analyses 393.

MILK

Samples taken from milk wagon.....	119	Below Standard.....	24
Samples taken from restaurants.....	68	Below standard.....	43
Samples taken from stores.....	20	Below standard.....	12
Samples taken from bakeries.....	9	Below standard.....	6
Samples taken from shippers....	88	Below Standard.....	9
Samples submitted by public institutions....	6	Below standard.....	3
Samples submitted by private individuals....	5	Below standard.....	0
Total number of samples analyzed.....	315	Total number below standard.....	97
Percentage below standard.....			30.8
Samples sufficiently below standard to warrant arrest.....			48
Standard, 3.4% milk fat; 8.5% solids not fat.			

Following are the cases ordered arrested with the deficiency in each:

NAME	DEFICIENCY			NAME	DEFICIENCY		
	Milk	Solids	Added		Milk	Solids	Added
	Fats	Not Fat	Subst.		Fat	Not Fat	Subst.
H. Catechi, 803 Kearny Street (restaurant).....	0.4	0.35	.....	J. Stainch & Co., 1012 Larkin St., Elk Grill.....	1.6	2.43	Water
J. Mollos, 842 Kearny Street (International restaurant).....	0.4	0.47	.....	Leigh & Ripley, 799 O'Farrell St., Bouquet Rest.....	1.8	2.40	Water
D. Mansfield, 108 Montgomery Ave. (St. Julian Rest.)..	0.7	.....	.....	H. Takeyara, 579 Turk St., Sunrise Restaurant.....	2.1	1.63	Water
F. Gantner, 609 Pacific St., (Dalmatian Cafe).....	1.9	3.99	Water	T. Bouras, 386 Golden Gate Ave., Little Paris Rest. ...	1.4	.....	.....
J. Boyajian, 641 Pacific St. (U. S. Chop Mouse).....	0.6	1.80	Water	P. Pantelios, 383 Golden Gate Ave., Silver Moon Rest..	1.0	.....	.....
L. Payne, 1171 Folsom St. (grocery).....	0.5	1.50	Water	J. Soares, Menlo Park (shipper).....	0.5	.....	.....
Mrs. A. Stein, 1154 Folsom St. (restaurant).....	0.6	2.51	Water	J. Domingos, Ignacio (shipper).....	1.55	.....	.....
T. Chituras, 1194 Folsom St. (Folsom Cafe).....	0.3	0.53	.....	L. Rapp, 401 Capp St. (grocery).....	0.4	1.03	Water
F. Sulger, 1701 Church St. (bakery).....	0.3	1.10	Water	F. Mainzer, 2408 Folsom St. (bakery).....	1.05	0.09	.....
E. Graham, 1620 Church St. (grocery).....	0.35	0.38	.....	Wilson & Weisenhutter, 1132 Market St., Wilson's Res.	0.5	.....	.....
Mrs. B. Luba, 1508 Church St. (bakery).....	0.6	.....	.....	Smith & Devine, 43 Turk St., Bay City Grill.....	1.55	1.26	Water
J. Graef, 996 Dolores St. (grocery).....	0.1	0.44	.....	C. Bantel & Son, 8 Turk St. (restaurant).....	0.6	.....	.....
F. Seamas, 763 McAllister St., Burlingame Milk Co (wag)	0.6	.....	.....	H. Krum, 964 Market St., Palace Grotto.....	1.6	.....	.....
H. Yeguchi, 137 Jackson St., Togo Restaurant.....	0.1	0.78	Water	F. B. Galendo, 139 Ellis St., Vienna Cafe.....	0.9	.....	.....
J. Nicols, 105 East St. (restaurant).....	1.9	.....	.....	Monaco & Girard, 57 Ellis St., John's Grill.....	1.1	.....	.....
E. Clayton, 3836 17th St. (bakery).....	0.5	.....	.....	Moraghan Est. Co., 6 Ellis St. (restaurant).....	1.15	.....	.....
C. M. Brown, 3421 16th St. (bakery).....	0.55	1.85	Water	J. Sarthou, 2944 R.R. Ave., Bay View Ranch (wagon) .	0.15	0.75	Water
Garbati & Sambuck, 311 Washington St., Jerry's Cafe.	0.7	0.01	Water	*C. Daiss, 420 Somerset St., San Bruno Ranch (wagon)	0.1	0.34	.....
Gerbrich & Turdich, 328 Front St., Merchants Rest....	0.65	1.09	Water	*C. Daiss, 420 Somerset St., San Bruno Ranch (wagon)	0.1	0.41	.....
N. Catechi, 29 East St. (restaurant).....	0.7	.....	.....	*B. Cassou, Wayland & Hamilton Sts., Univ. Mound Dairy (wag)	1.05	.....	.....
R. Kishiro, 1108 Dupont St., A. B. C. Restaurant.....	1.1	.....	.....	*B. Cassou, Wayland & Hamilton Sts., Univ. Mound Dairy (wag)	0.7	.....	.....
F. Chirakian, 644 Pacific St., National Chop House....	0.5	.....	.....	A. Trautvetter, 2830 22d St., Ferndale Farm (wagon)..	0.65	.....	.....
V. Jordan, 10 Folsom St., Transport Restaurant.....	1.1	2.99	Water	G. Dallas, 3351 20th St. (grocery).....	0.5	0.13	.....
Greevas & Katsavas, 2064 Polk St., Old Frisco Rest...	0.9	.....	.....	J. Marty, 1154 Buchanan St., Schuler's Creamery (wag)	0.6	.....	.....
S. Palovich, 1606 Pacific St., Pacific Ave. Restaurant..	0.9	.....	.....				
M. Kurtela, 1247 Polk St., Broiler Restaurant.....	0.5	.....	.....				

*Both samples taken at the same time and place.

COURT WORK (MILK CASES)

Cases in Court.....	55	Convictions.....	39
Cases Carried over.....	4	Dismissals.....	12
Total amount of fines.....	\$900	Average Fine.....	\$23.07

MEAT

(Chopped meat and Sausage.)

Number of samples analyzed (representing 35 dealers).....	55
Number of samples found to contain chemical preservatives (representing 8 dealers).....	11
Ordered arrested.....	8

The samples of meat were all examined for chemical preservatives and coal tar coloring matters. The following were found to be adulterated

NAME	SUBSTANCE	ADULTERATION FOUND.
L. D. McLean Co., 1168 Sutter Street.....	Bologna Sausage	Borates
L. D. McLean Co., 1168 Sutter Street.....	Frankfurters	Borates
C. F. Hornung, 420 Church Street.....	Pork Sausage	Borates
C. F. Hornung, 420 Church Street.....	Garlic Sausage	Borates
Ecklon & Metzger, 1318 Fillmore Street.....	Hamburg Steak	Sulphites
Kratz & Hunius, 2234 Fillmore Street.....	Chopped Pork	Sulphites
Baumgarten Bros., 2019 Fillmore Street.....	Hamburg Steak	Sulphites
T. G. Scafi, 3344 Eighteenth Street.....	Hamburg Steak	Sulphites
T. G. Scafi, 3344 Eighteenth Street.....	Pork Sausage Meat	Sulphites
A. Shapiro, 450 Third Street.....	Hamburg Steak	Sulphites
J. A. Oswald, 304 Third Street.....	Hamburg Steak	Sulphites

COURT WORK (MEAT CASES)

Cases in court.....	10	Convictions.....	0
Cases carried over.....	2	Dismissals.....	8
Total amount of fines.....	0	Average fine.....	0

WATER

Samples of water were taken from each of the 9 city distributing reservoirs and the Lake Merced twice during the month. The analyses of these samples together with the analysis of a well water are given below.

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

LAB. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrates	Nitrates	Free Ammonia	Albumenoid Ammonia		
				265	88	177	27	0.0004	0.318	0.028	0.123	3	The average of the analyses of 78 samples of water taken from the city distributing reservoirs at intervals of one month during the year 1907-08.
533	Potrero Heights Reservoir...	Apr. 6	Clear.....	212	72	140	18	0.002	0.632	0.028	0.16	4	Sample taken at forebay, 6 ft. below surface.
554	College Hill Reservoir.....	Apr. 6	Slight turbidity	138	50	88	19	0.0	0.248	0.016	0.128	4	Sample taken at forebay, 6 ft. below surface.
555	University Mound Reservoir.	Apr. 6	Clear.....	217	73	144	17	0.0	0.82	0.016	0.122	3	Sample taken at forebay, 6 ft. below surface.
556	South Lake Merced.....	Apr. 6	Slight turbidity	255	63	192	56	0.0	0.114	0.018	0.302	6	Sample taken from boat in middle of lake, 6 ft. below surface.
557	North Lake Merced.....	Apr. 6	Slight turbidity	266	82	184	57	0.0	0.112	0.02	0.358	7	Sample taken from boat in middle of lake, 6 ft. below surface.
558	Lake Honda Reservoir.....	Apr. 6	Slight turbidity	147	49	98	25	0.0	0.204	0.016	0.190	4	Sample taken from boat in middle of lake, 6 ft. below surface.
559	Clay Street Tank.....	Apr. 7	Clear.....	271	87	184	28	0.0	0.644	0.016	0.064	3	Sample taken from tank, 6 ft. below surface.
560	Francisco Street Reservoir...	Apr. 7	Clear.....	204	57	147	19	0.002	0.584	0.032	0.154	4	Sample taken at forebay, 6 ft. below surface.
561	Lombard Street Reservoir...	Apr. 7	Slight turbidity	172	55	117	21	0.001	0.286	0.022	0.142	4	Sample taken at forebay, 6 ft. below surface.
562	Clarendon Heights Tank.....	Apr. 7	Clear.....	222	62	160	16	0.0	0.818	0.018	0.064	2	Sample taken at inlet, 6 ft. below surface.
563	Presidio Heights Tank.....	Apr. 7	Clear.....	221	54	167	20	0.0	1.206	0.026	0.096	3	Sample taken from tank, 6 ft. below surface.
565	Potrero Heights Reservoir...	Apr. 19	Slight turbidity	211	69	142	17	0.001	0.466	0.018	0.254	4	Sample taken at forebay, 6 ft. below surface.
566	College Hill Reservoir.....	Apr. 19	Clear.....	122	44	78	19	0.0	0.158	0.018	0.124	3	Sample taken at forebay, 6 ft. below surface.
567	University Mound Reservoir.	Apr. 19	Clear.....	228	61	167	16	0.0	0.084	0.016	0.094	2	Sample taken at forebay, 6 ft. below surface.
568	South Lake Merced.....	Apr. 19	Turbid.....	260	77	183	56	0.0	0.10	0.032	0.300	4	Sample taken from boat in middle of lake, 6 ft. below surface.
569	North Lake Merced.....	Apr. 19	Turbid.....	275	79	196	59	0.0	0.06	0.028	0.420	6	Sample taken from boat in middle of lake, 6 ft. below surface.
570	Lake Honda Reservoir.....	Apr. 19	Slight turbidity	149	51	98	27	0.0	0.098	0.034	0.240	4	Sample taken from boat in middle of lake, 6 ft. below surface.
571	Clay Street Tank.....	Apr. 20	Clear.....	267	80	187	27	0.0	0.556	0.016	0.078	3	Sample taken 6 ft. below surface.
572	Presidio Heights Tank.....	Apr. 20	Clear.....	231	31	200	18	0.0	1.344	0.02	0.076	2	Sample taken from tank, 10 ft. below surface.
573	Lombard Street Reservoir...	Apr. 20	Slight turbidity	187	57	130	27	0.001	0.196	0.024	0.162	4	Sample taken at forebay, 6 ft. below surface.
574	Clarendon Heights Tank.....	Apr. 20	Clear.....	230	60	170	16	0.0	0.716	0.032	0.070	2	Sample taken at inlet, 6 ft. below surface.
575	Francisco Street Reservoir...	Apr. 20	Clear.....	225	65	160	16	0.003	0.582	0.034	0.116	3	Sample taken at forebay, 2 ft. below surface.

MISCELLANEOUS

564	Well at residence of Steve Kodlick, 1113 29th Ave., South.....	Apr. 12	Turbid.....	700	82	618	200	0.052	19.25	0.032	0.09	7	Sample taken from open well about 75 ft. deep. Cased with wood.
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METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of April, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM		TOTAL DAILY MOTION		
											VEL.	DIREC.			
1	30.28	30.17	71	48	23	60	46	52	89	53	8	NW	81	0	Clear
2	30.10	30.60	72	50	22	61	52	47	93	49	25	W	182	0	Part Cloudy
3	29.97	29.94	60	47	13	54	46	33	87	47	23	NW	269	0	Part Cloudy
4	29.96	29.87	56	44	12	50	34	42	66	60	17	NW	130	0	Clear
5	29.99	30.07	64	47	17	56	41	40	78	53	21	W	179	0	Clear
6	30.16	30.13	69	47	22	58	43	44	81	55	14	W	110	0	Clear
7	30.19	30.20	72	49	23	60	48	30	94	24	10	NE	93	0	Clear
8	30.26	30.22	77	53	24	65	45	37	73	24	8	NE	93	0	Clear
9	30.18	30.01	77	51	26	64	50	42	84	34	16	SW	106	0	Clear
10	29.86	29.80	54	48	6	51	45	44	86	75	32	W	394	0	Clear
11	29.90	30.05	59	48	11	54	44	45	84	78	26	W	239	0	Clear
12	30.21	30.19	62	48	14	55	44	46	84	76	23	W	240	0	Part Cloudy
13	30.18	30.05	60	46	14	63	44	48	88	82	19	SW	187	0	Part Cloudy
14	29.99	29.90	66	47	19	56	47	48	92	68	24	SW	174	0	Clear
15	29.93	29.89	78	51	27	64	50	40	89	34	19	W	163	0	Part Cloudy
16	29.90	29.94	66	50	16	58	49	50	95	79	27	W	300	0	Part Cloudy
17	30.01	30.06	56	49	7	52	47	50	79	88	16	W	239	T	Cloudy
18	30.09	30.08	54	48	6	51	44	45	83	75	23	W	234	0	Part Cloudy
19	30.01	30.02	60	49	11	54	41	45	72	61	14	NW	211	0	Clear
20	30.08	30.03	60	47	13	54	43	42	83	60	17	W	182	0	Clear
21	30.02	29.99	70	48	22	59	44	39	88	38	16	SW	123	0	Clear
22	30.04	30.02	62	47	15	54	44	44	86	80	28	SW	253	0	Part Cloudy
23	30.00	29.99	59	46	13	52	42	46	82	73	20	SW	237	0	Clear
24	30.04	30.07	69	47	22	58	44	48	85	71	29	W	227	0	Clear
25	30.16	30.16	61	47	14	54	46	47	95	79	31	W	281	0	Clear
26	30.15	30.03	66	48	18	57	46	48	93	65	28	SW	251	0	Clear
27	29.99	29.93	63	48	15	56	45	50	80	88	22	W	268	0	Clear
28	29.94	30.01	60	47	13	54	40	44	74	61	22	W	255	0	Clear
29	30.07	30.07	67	47	20	57	44	44	86	52	18	W	143	0	Clear
30	30.07	29.96	80	54	26	67	48	30	70	20	17	W	125	0	Clear
MEANS....	30.058	30.028	65.0	48.2	16.8	56.6	44.9	43.7	84.0	60.1	32	W	5969 199.0 H Vel. 8.	T	Clear.....21 Part Cloudy... 8 Cloudy..... 1

RECORD OF ARRESTS

MATTHEW TIERNEY,
Police Officer.

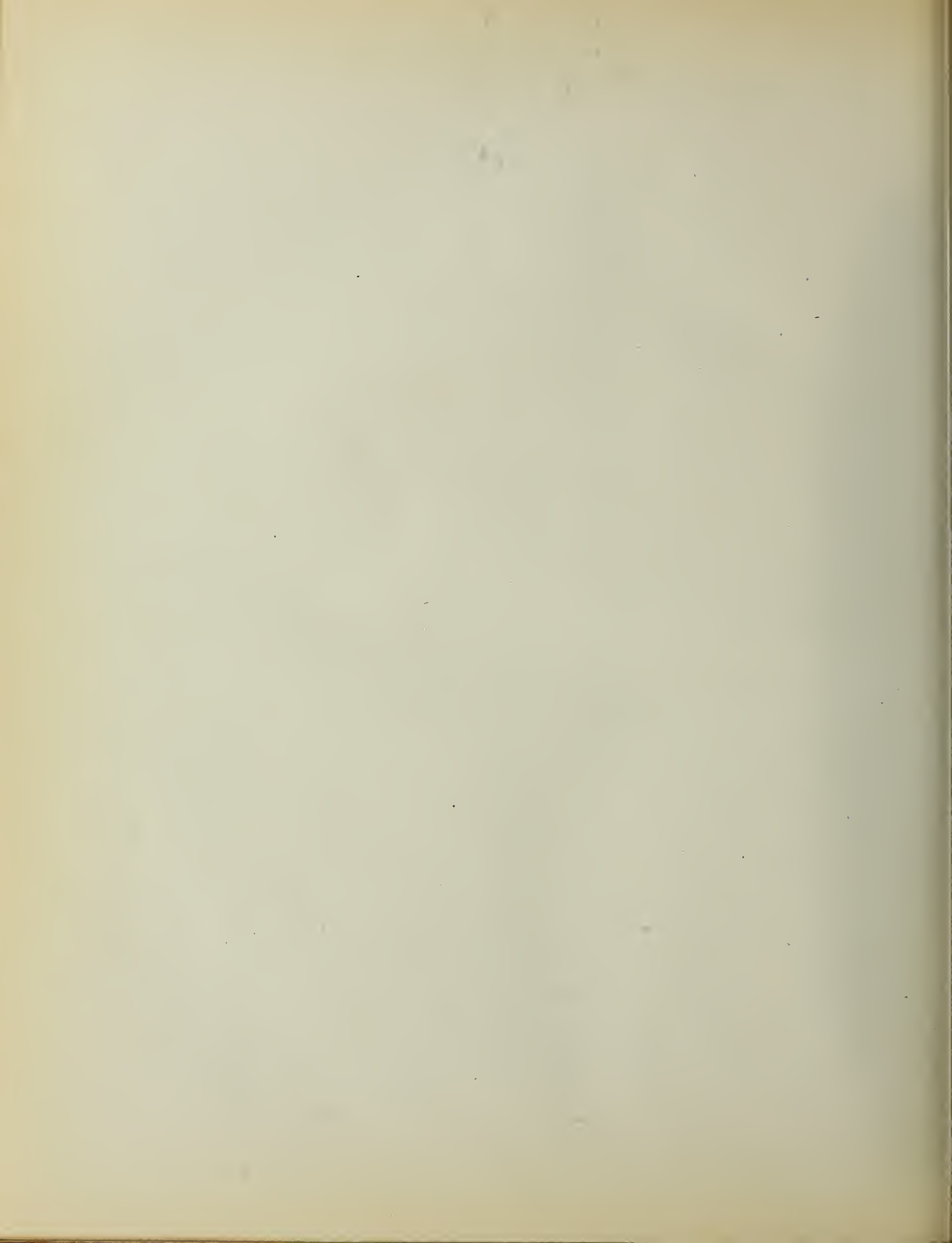
PENDING AT LAST REPORT

Arrest'd 1908	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
July 27	Ed. Green	State Milk Law	Lydon	Conlan		Found guilty, fined \$200, April 10
Aug. 20	Ed. Green	State Milk Law	Lydon	Conlan		Case dismissed, April 10
Nov. 30	Peter Krone	State Milk Law	Lydon	Conlan		Found guilty, fined \$10, April 15
Jan. 18	Mike Baggani	State Milk Law	Lydon	Deasy	Cont'd to May 6	
Feb. 3	Ed. Green	State Milk Law	C. C. Bucher	Conlan		Case dismissed, April 10
Feb. 23	Sol Lehman	State Milk Law	Murphy	Conlan		Case dismissed, April 10
Mar. 3	Philemon Fobouef	State Milk Law	Murphy	Deasy		Case dismissed, April 5
Mar. 3	Thomas Furlong	State Milk Law	Murphy	Deasy		Case dismissed, April 5
Mar. 6	Steve Kodlick	Maintaining a nuisance	Dr. Curtis	Deasy	Not Abated. Put on reserve calendar	
Mar. 17	Moses Heineman	Ordinance 655	Murphy	Deasy		Case dismissed, April 19
Mar. 29	Peter F. Rathjen	Ordinance 655	Lydon	Shortall		Case dismissed, April 13
Mar. 29	Rudolph Petrak	Ordinance 655	Murphy	Deasy		Case dismissed, April 13
Mar. 29	Carl Butchenbach	Ordinance 655	Murphy	Deasy		Case dismissed, April 13
Mar. 30	C. F. Hornung	Ordinance No. 655	Murphy	Deasy		Case dismissed, April 13

ARRESTED DURING MONTH

April 3	John C. Suhr	State Milk Law	O'Connor	Shortall	Cont'd to May 6	
April 3	John C. Suhr	State Milk Law	O'Connor	Shortall	Cont'd to May 8	
April 3	F. E. Prichett	State Milk Law	O'Connor	Deasy		Found guilty, fined \$25, April 5
April 3	A. J. Costa	State Milk Law	Lydon	Deasy		Found guilty, fined \$10, April 5
April 3	Frank Carrevieh	State Milk Law	Lydon	Deasy		Found guilty, fined \$25, April 5
April 5	John J. Keaneally	State Milk Law	Murphy	Shortall		Found guilty, fined \$10, April 6
April 5	Joseph Suren	State Milk Law	Lydon	Deasy		Case dismissed, April 6
April 5	Steve M. Miletich	State Milk Law	Murphy	Shortall		Found guilty, fined \$100, April 7
April 5	Herman Traub	Ordinance 655	Lydon	Deasy		Case dismissed, April 13
April 5	A. S. Shold	Ordinance 655	Murphy	Deasy		Case dismissed, April 13
April 9	Samuel J. Schindler	Ordinance 615	Sweeney	Weller		Found guilty, fined \$10, April 10
April 10	Frank Seamas	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, April 21
April 13	Mrs. Anne Stein	Ordinance 660	Murphy	Shortall		Found guilty, fined \$25, April 14
April 13	Fred Salger	Ordinance 660	Murphy	Deasy		Found guilty, fined \$25, April 14
April 13	Fred Gantner	Ordinance 660	Lydon	Deasy		Found guilty, fined \$25, April 14
April 13	Otto Mansfield	Ordinance 660	Lydon	Deasy		Case dismissed, April 14
April 13	Joseph Graef	Ordinance 660	Murphy	Weller		Found guilty, fined \$10, April 14
April 13	Mrs. Babetta Suba	Ordinance 660	Murphy	Weller		Case dismissed, April 14
April 13	Ed. Graham	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, April 14
April 13	Henry Catichi	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, April 14
April 13	Thero. Clituras	Ordinance 660	Murphy	Shortall		Found guilty, fined \$10, April 14
April 13	John Boyajain	Ordinance 660	Lydon	Shortall		Found guilty, fined \$25, April 14
April 14	Gerolimo Garbeti	Ordinance 660	Lydon	Deasy		Found guilty, fined \$25, April 17
April 14	Ernest Clayton	Ordinance 660	Murphy	Shortall		Case dismissed, April 20
April 14	C. M. Brown	Ordinance 660	Murphy	Shortall		Found guilty, fined \$25, April 15
April 14	Nick Gerbich	Ordinance 660	Lydon	Deasy		Found guilty, fined \$25, April 17
April 14	Hidewo Yeguchi	Ordinance 660	Lydon	Deasy		Found guilty, fined \$25, April 17
April 14	Nick Cafechi	Ordinance 660	Lydon	Shortall		Found guilty, fined \$10, April 15
April 14	James Nichols	Ordinance 660	Lydon	Deasy		Found guilty, fined \$25, April 17
April 14	Levi F. Owen	State Milk Law	Murphy	Deasy		Found guilty, fined \$10, April 15
April 15	W. E. Payne	Ordinance 660	Murphy	Shortall		Case dismissed, April 21
April 16	Valdeer Jordan	Ordinance 660	Murphy	Deasy		Found guilty, fined \$25, April 17
April 18	Steve Kalovich	Ordinance 660	Lydon	Shortall		Found guilty, fined \$10, April 17
April 16	Peter Pantelious	Ordinance 660	Lydon	Weller		Found guilty, fined \$10, April 19
April 16	Raijiro Kishero	Ordinance 660	Lydon	Deasy		Found guilty, fined \$15, April 17
April 16	Hikojie Takeyama	Ordinance 660	Lydon	Weller		Found guilty, fined \$10, April 17
April 16	Martin Kurtila	Ordinance 660	Lydon	Shortall		Found guilty, fined \$10, April 17
April 16	Toros Chirakian	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, April 24
April 16	Tony Bouras	Ordinance 660	Lydon	Weller		Found guilty, fined \$25, April 17
April 16	Sotereos Gree vas	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, April 17
April 16	John Stainch	Ordinance 660	Lydon	Shortall		Found guilty, fined \$25, April 17
April 17	John Mallos	Ordinance 660	Lydon	Deasy		Found guilty, fined \$10, April 24
April 19	Mrs. Jessie Ripley	Ordinance 660	Lydon	Shortall		Case dismissed, April 20
April 20	L. D. McLean	Ordinance 655	Lydon	Deasy		Case dismissed, April 29
April 22	John Domingos	Ordinance 229	Murphy	Deasy	Cont'd to May 7	
April 22	Charles F. Hornung	Ordinance 655	Murphy	Deasy	Cont'd to May 5	
April 22	Lorenzo G. Ecklon	Ordinance 655	Lydon	Deasy		Case dismissed, April 23
April 23	Harry Groves	Ordinance 615	Cassery	Deasy		Case dismissed, April 24
April 26	Ed. R. Wilson	Ordinance 660	Lydon	Deasy		Case dismissed, April 27
April 26	Herman Krum	Ordinance 660	Lydon	Shortall		Found guilty, fined \$10, April 27
April 26	Felix P. Galendo	Ordinance 660	Lydon	Shortall	Cont'd to May 1	
April 26	Charles A. Bantel	Ordinance 660	Lydon	Deasy		Case dismissed, April 27
April 26	Frank Moraghan	Ordinance 660	Lydon	Shortall	Cont'd to May 1	
April 26	Wilfred Girard	Ordinance 660	Lydon	Shortall		Found guilty, fined \$10, April 27
April 26	Fred. C. Smith	Ordinance 660	Lydon	Deasy		Found guilty, fined \$25, April 30
April 26	Fred Mainzer	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, April 27
April 26	Louis Rapp	Ordinance 660	Murphy	Deasy		Found guilty, fined \$10, April 27
April 30	Julius Baumgarten	Ordinance 665	Lydon	Deasy	Cont'd to May 5	
April 30	Alexander Trautvetter	Ordinance 660	Lydon	Deasy	Cont'd to May 15	
April 30	George Dallas	Ordinance 660	Murphy	Deasy	Cont'd to May 21	

Pending at Last Report	14	Convicted	10
Arrested during the Month of April	60	Dismissed	23
		Pending—April Arrests (9), Previous Months (2)	11
Total	74	Proof total	74
Fines Imposed—April Cases		\$700.00	
Pending Cases		210.00	
Total		\$910.	



BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF MAY, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. PRESIDENT

THOS. W. HUNTINGTON, M. D.

CURTIS HILLYER

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician

Deaths during Month of May, 1909	535
Less Deaths of children under one week of age	12
Non-residents	13
Deaths by violence	52 77 458
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 11.59

DEATHS BY SEX				BY COLOR			
Males	324	White	499				
Females	211	Chinese	21				
		Japanese	5				
		Black	10				
BY SOCIAL CONDITION				BY NATIVITY			
Single	232	San Francisco	97				
Married	173	Other parts of California	78				
Widowed	110	Other States	109				
Divorced	5	Foreign Countries	240				
Unknown	15	Unknown	11				
Still births registered (not included in mortality tables): Males, 18; Females, 13. Total, 31							

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxon	Latino	Others
526	290	236	507	8	10	1	6	..	233	11	12	25	47	4	10	6	23	33	6	51	12	53

Annual Birth Rate per 1,000 Inhabitants	13.20
Marriage licenses issued	332

REPORT OF HEALTH OFFICER, R. G. BRODRICK, M. D.

For Month of May, 1909

DEATHS

Five hundred and thirty-five deaths were registered this month or 7 less than in May, 1908. The mortality rate for that month per 1000 of population (425,000) was 15.24. This month it is 13.50 (population, 475,000). In 1907 it was 14.64. Following is a comparative table showing the deaths from some of the principal causes in the month of May for the past three years.

	1907	1908	1909
Total deaths from all causes.....	519	542	535
From			
Tuberculosis.....	58	82	65
Pneumonia, Lobar.....	44	36	34
Pneumonia, Broncho.....	24	14	11
Organic Heart diseases.....	67	63	78
Bright's disease.....	25	25	24
Diseases digestive system.....	48	29	26
Typhoid fever.....	5	7	4
Diphtheria.....	4	2	5
Scarlet fever.....	1	1	1
Whooping cough.....	6	4	4
Diseases Early Infancy.....	20	24	22
Deaths from violence.....	58	61	52

BIRTHS

Births registered total 526 as against 432 in May 1907 and 641 in 1908. The birth rate in 1907 was 10.91 per thousand; in 1908 it was 18.00 (est. pop. 425,000); this month it is 13.20 (pop. 475,000). The apparent increase in 1908 over the corresponding periods for the other years mentioned was due to the fact that said month marked the beginning of the campaign for the enforcement of the law covering the registration of births and the consequence was that at the time considerable impetus was given to this branch of the work.

CONTAGIOUS DISEASES

The following table will indicate cases of contagious diseases reported and figures showing comparisons for three years past.

	May 1907	May 1908	May 1909
Diphtheria.....	29	59	66
Scarlet Fever.....	15	29	50
Smallpox.....	7	29	7
Measles.....	140	191	192
Whooping Cough.....	24	5	70
Mumps.....	3	5	59
Chicken-pox.....	5	28	29
Cerebro Spinal Meningitis.....	17	9	10
Pneumonia.....	43	26	40
Tuberculosis.....	64	92	110
Typhoid Fever.....	42	12	15

In the division of Sanitary Inspection under the heading of Contagious Diseases it will be noticed that there has been practically no increase or diminution in the number of cases of the various infectious diseases reported as compared with April, excepting that of Smallpox, which shows a total of 7 for this month as against one for the previous month, and of Cerebro Spinal Meningitis which shows the number of cases occurring as being 10 compared with 2 for the preceding month. Of this number, viz., 10, but one case has been diagnosed as an epidemic form of the disease; this one case occurring in an institution for children was kept carefully isolated and the dormitory and infirmary of said place was thoroughly fumigated by the disinfectors.

SANITARY INSPECTION

One thousand four hundred and two inspections were covered by this corps during the month. This included 419 quarantined cases and 653 inspections on other contagious diseases reported. In the work of this division during the past month a considerable number of nuisances, consisting of stagnant water pools, were abated in various sections of the City and the Inspectors are actively engaged in trying to induce owners of lots to fill them in and thus create a better condition of affairs, especially along the Ocean Boulevard.

DIVISION OF FUMIGATION

Two hundred and ninety-four rooms were fumigated, representing 419,596 cubic feet of space. 4,800 ounces of Formalin were used and also 313 lbs. of sulphur were consumed in this work. 65 test plates were placed.

DIVISION OF INDUSTRIAL INSPECTION

In addition to his regular work, which is shown in table under its appropriate heading, the Industrial Inspector during this month was directed to pay special attention to the sanitary conditions obtaining in the various places about to be opened for the canning of fruit and the manufacture of preserves with the advent of the fruit season. Forty-nine inspections were made and in 10 premises conditions were found to exist that were not in conformity with sanitary regulations. In all these cases notices were served, giving instructions as to the manner and method which this Department would require in the necessary repairs to be made for the placing of these establishments in a proper condition for the preparing of their product.

DIVISION OF PLUMBING INSPECTION

One thousand seven hundred and eighty-five inspections on buildings in course of construction, also those completed and on work granted by permit were made by this Corps. Two hundred and one inspections were also made on nuisance complaints. Comparison with the work done during the month of April shows a reduction in the number of plans submitted and buildings represented. That section of the City bounded on the south by Pacific Avenue, on the west by the Presidio Reservation, and on the north and east by the Bay, and particularly that portion known as the Latin Quarter showed the greatest amount of work done in comparison to other districts, in new work, alterations and repairs.

DIVISION OF MARKET INSPECTION

Two thousand five hundred and five inspections were made by this Corps during the month, and 18,300 lbs. of fish, 11,638 lbs. of beef, 189 calves, 56 sheep and lambs, 27 hogs and 581 chickens were condemned as unfit for food. Full particulars as to the locations of these seizures are given under the appropriate heading of this report. Particular attention has been paid to the Ordinance passed in March 1909, relating to the sale of crabs, crawfish and other shell fish with the result that during the past month 1100 sacks of crabs shipped into the City from outside sources arrived alive and in healthy condition due to the fact that with each shipment a watchman was detailed whose duty it was to sprinkle the sacks containing the crabs and crawfish with water at least every four hours. Before the enforcement of this regulation it was quite a common experience with the inspectors to find that all of the shellfish shipped in from the north had died while in transit. The enforcement of this regulation is therefore productive of very good results.

DIVISION OF MILK INSPECTION

During the month 303 samples were submitted for Chemical and Bacteriological examination, 80 of these being taken from milk wagons, 180 from depots, dairies, wharves, etc., 43 from hotels, groceries, restaurants, etc. Sixteen samples were found sufficiently low to warrant arrest and a total of \$200 was imposed in fines for violation of the law. The manner of handling milk has improved considerably during the past month and with a very few exceptions all dealers have complied with the provisions requiring the mushroom cover for cans.

DIVISION OF DAIRY INSPECTION

Ninety-six dairies and 85 dairy depots were inspected during the month. Nine thousand and sixty-one cows were also inspected, and 17 were condemned and killed on account of being found tubercular. One hundred and twenty-five milk cans also condemned as unfit for further use. The Chief Dairy Inspector reports that 37 dairies were inspected in San Mateo, Santa Clara and Alameda counties, and the proprietors thereof have been given instructions to place their premises in a condition to conform with the requirements of this Department. Many of these are now planning to raise their ground by filling in with rock or covering with brick, boards or cement their various cow-yards for the coming winter in such a way that the cows can be kept out of the mud. The order that milk rooms shall be in buildings separate and apart from the place where cows are milked is being complied with. The Chief Dairy Inspector reports good progress being made in the way of improvements and compliance with the orders of this Department can be said to be fairly satisfactory.

INSANITARY PREMISES CONDEMNED BY BOARD

Twenty-two new cases of insanitary premises were taken up by the Board for condemnation and vacation. Final action was taken on 8 cases postponed from previous months. Twenty-three places were condemned, 9 cases were postponed; in process of abatement, 71.

DIVISION OF LABORATORIES

The Chemist analyzed 317 samples of milk, 38 samples of drinking water and 38 of chopped meat and sausage taken from 27 dealers. A full report of results obtained is furnished under heading of this division in another part of this Bulletin. See also report of Bacteriologist and Toxicologist, under their appropriate headings for record of work performed by them.

ARRESTS

Thirty-eight arrests were made during this month and \$245.00 in fines were imposed in May cases and \$110.00 from previous months. Twenty-four offenders were convicted, 12 were dismissed, and two cases are still pending from May arrests. See under record of arrests for full particulars.

SCHOOL MEDICAL INSPECTION

A full and detailed report of the work accomplished by this Division will be found elsewhere under its appropriate heading.

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month May, 1909	SEX		AGE BY YEARS														SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African			
DEATHS FROM ALL CAUSES	535	324	211	67	26	93	6	18	44	70	62	88	65	89	232	173	130	499	21	5	10			
I. General Diseases	179	99	80	9	11	20	4	9	19	30	23	39	17	18	84	62	33	165	10					
II. Diseases of Nervous System	38	26	12	2	2	4		1	3	2	2	6	7	13	13	11	14	38						
III. Diseases of the Circulatory System	96	64	32	1	1	2	1	2	3	9	12	19	25	24	21	40	35	90	4					
IV. Diseases of the Respiratory System	56	32	24	13	6	19			3	7	6	7	7	7	30	15	11	52	1	3				
V. Diseases of the Digestive System	26	15	11	9	2	11	1		4		3	3	2	2	15	9	2	26						
VI. Diseases of the Genito-Urinary System	31	18	13					2	1	4	6	9	4	5	7	12	12	27	3					
VII. Childbirth	4		4						3	1						4		4						
VIII. Diseases of the Skin																								
IX. Diseases of the Locomotor System	4	1	3	1	2	3								1	3	1		4						
X. Malformations	3	1	2	3		3									3			3						
XI. Early Infancy	22	13	9	22		22									22			21	1					
XII. Old Age	19	10	9										3	16		5	14	19						
XIII. Violence	52	42	10	4	1	5		4	8	17	10	5		3	29	14	9	47	1	2	2			
XIV. Ill-Defined Diseases	5	3	2	4	1	5									5			3	1					
General Diseases																								
(a) Epidemic Diseases																								
1. Typhoid Fever	4	4							1	1		2			2	2		3	1					
2. Typhus, Exanthematic																								
3. Fever, Recurrent																								
4. Fever, Intermittent and Malarial Cachexia																								
5. Smallpox																								
6. Measles	4	1	3	1	3	4									4			3	1					
7. Scarletina	1	1					1								1			1						
8. Whooping Cough	4	1	3	1	2	3			1						3	1		4						
9. Diphtheria	5	2	3	1	1	2	2					1			4	1		5						
9a. Croup																								
10. Influenza	2	1	1									1		1		1	1	2						
11. Miliary Fever																								
12. Cholera, Asiatic																								
13. Cholera, nostras																								
14. Dysentery	1	1											1			1		1						
15. Pest (Plague)																								
16. Yellow Fever																								
17. Leprosy																								
18. Erysipelas	1	1											1				1	1						
19. Other Epidemic Diseases																								
(b) Other General Diseases																								
20. Purulent Infection and Septicæmia	2	2								1		1			1	1		2						
21. Glanders and Farcy																								
22. Malignant Pustule and Charbon (Anthrax)																								
23. Rabies																								
24. Actinomycosis, Trichinosis, etc.																								
25. Pellagra																								
26. Tuberculosis of Larynx																								
27. Tuberculosis of Lungs	65	45	20					4	14	18	12	12	2	3	40	17	8	56	7		2			
28. Tuberculous Meningitis	5	1	4	1	3	4		1							5			5						
29. Tuberculosis, Abdominal	4	3	1				1				1	2			3	1		3	1					
30. Pott's Disease	1	1								1					1						1			
31. Tuberculous Abscess																								
32. White Swelling	2	1	1					1				1			2			2						
33. Tuberculosis of Other Organs																								
34. Generalized Tuberculosis	2		2		1	1				1					1	1		1			1			
35. Scrofula																								
36. Syphilis	7	4	3	5	1	6						1			6		1	7						
37. Gonorrhea of the Adult																								
38. Gonorrheal Infections of Children																								
39. Cancer and Other Malignant Tumors of the Buccal Cavity	1	1													1		1	1						
40. Cancer and Other Malignant Tumors of the Stomach and Liver	16	13	3							3	2	5	5	1	2	7	7	16						
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	8	3	5									2	2	4	1	4	3	8						
42. Cancer and Other Malignant Tumors of the Female Genital Organs	7		7							1	2	1	1		2	1	4	2						
43. Cancer and Other Malignant Tumors of the Breast	4		4							1	1	1		1		4		4						

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, May, 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	.1		.1									.1				.1	.1				
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified..	.4	.2	.2								.3	.1			.1	.3	.4				
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....																					
47.	Rheumatism, Acute, Articular.....	.3	.1	.2				.1	.1				.1		.2	.1		.3				
48.	Rheumatism, Chronic, and Gout.....	.1		.1									.1			.1		.1				
49.	Scurvy.....	.1	.1					.1							.1			.1				
50.	Diabetes.....	10		10						.1		.5	.2	.2		.6	.4	10				
51.	Goitre, Exophthalmic.....	.1		.1							.1				.1			.1				
52.	Addison's Disease.....																					
53.	Leukæmia.....	.2	.2										.2			.1	.1	.2				
54.	Anæmia, Chlorosis.....	.2	.1	.1							.1		.1			.2		.2				
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	.8	.6	.2				.1	.2		.4	.1			.3	.4	.1	.8				
57.	Lead Poisoning.....																					
58.	Other Professional Intoxications.....																					
59.	Other Chronic Poisonings.....																					
II. Diseases of the Nervous System																						
60.	Encephalitis.....	.2	.2							.1		.1				.2		.2				
61.	Meningitis, Simple.....	.2	.2		.1	.1			.1						.1	.1		.2				
61a.	Meningitis, Epidemic Cerebro-spinal.....	.3	.2	.1	.1	.2		.1							.3			.3				
62.	Locomotor Ataxia, Progressive.....	.1	.1											.1			.1	.1				
63.	Other Diseases of the Spinal Cord.....	.2	.1	.1						.1	.1	.1			.2			.2				
64.	Apoplexy Cerebral.....	25	16	.9						.1	.1	.1	.5	.6	11	.6	.6	13	25			
65.	Cerebral Softening.....																					
66.	Paralysis.....																					
67.	Paralysis, General, of Insane.....	.1	.1										.1			.1		.1				
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....	.1	.1											.1		.1		.1				
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....	.1			.1	.1									.1			.1				
72.	Tetanus.....																					
73.	Chorea.....																					
74.	Other Diseases of the Nervous System.....																					
75.	Diseases of the Eye and Its Adnexa.....																					
76.	Diseases of the Ear.....																					
III. Diseases of the Circulatory System																						
77.	Pericarditis.....	.2	.1	.1					.1	.1					.1	.1		.2				
78.	Endocarditis, Acute.....	.2		.2				.1		.1					.1		.1	.2				
79.	Organic Diseases of the Heart.....	78	51	27	.1	.1	.1		.1	.7	12	14	21	21	14	35	29	73	.3			.2
80.	Angina Pectoris.....	.3	.2	.1									.2	.1		.3		.3				
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	.7	.7									.1	.4	.2	.2		.5	.6	.1			
82.	Embolism and Thrombosis.....	.1		.1								.1				.1		.1				
83.	Diseases of the Veins.....	.2	.2					.1				.1			.2			.2				
84.	Diseases of the Lymphatics.....																					
85.	Hemorrhages.....	.1	.1							.1					.1			.1				
86.	Other Diseases of the Circulatory System.....																					
IV. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....	.1	.1		.1	.1									.1			.1				
88.	Diseases of the Larynx.....																					
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	.4	.2	.2	.2	.2							.2		.2		.2	.4				
91.	Bronchitis, Chronic.....	.2	.1	.1								.1	.1		.1		.1	.1	.1			
92.	Broncho-Pneumonia.....	11	.4	.7	.4	.4	.8					.1	.2	.9	.1	.1	.8			.3		
93.	Pneumonia.....	34	20	14	.6	.2	.8			.3	.5	.6	.3	.4	.17	.12	.5	34				
94.	Pleurisy.....	.3	.3							.2				.1		.2	.1	.3				
95.	Pulmonary Congestion and Apoplexy.....																					
96.	Gangrene of the Lung.....																					
97.	Asthma.....	.1	.1										.1				.1	.1				
98.	Pulmonary Emphysema.....																					
99.	Other Diseases of the Respiratory System (Phthisis excepted).....																					

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MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)	Deaths reported during month May., 1909	SEX.		AGE BY YEARS										SOCIAL RELATION			COLOR				
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
IX. Diseases of the Locomotor System																					
146. Diseases of the Bones (nontuberculous)...	.4	.1	.3	.1	.2	.3								.1	.3	.1		.4			
147. Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted)...																					
148. Amputation.....																					
149. Other Diseases of the Organs of Loco- motion.....																					
X. Malformations																					
150. Hydrocephalus.....																					
150a. Congenital Malformation of Heart—Cy- anosis.....	.3	.1	.2	.3		.3									.3			.3			
150b. Other Congenital Malformations.....																					
XI. Early Infancy																					
151. Premature Birth.....	.11	.5	.6	.11		.11									.11			.10	.1		
151a. Congenital Debility.....	.11	.8	.3	.11		.11									.11			.11			
152. Other Diseases of Early Infancy.....																					
153. Lack of Care.....																					
XII. Old Age																					
154. Senility.....	.19	.10	.9										3	.16		.5	.14	.19			
XIII. Violence																					
155. Suicide by Poison.....	.6	.5	.1					.3	.1	.2			.3	.1	.2	.5	.1				
156. Suicide by Illuminating Gas.....	.5	.4	.1					.2	.1				.2	.1	.2	.5					
157. Suicide by Hanging or Strangulation....	.1	.1						.1					.1			.1					
158. Suicide by Submersion.....	.1		.1					.1								.1		.1			
159. Suicide by Firearms.....	.9	.9						.4	.2	.3			.3	.5	.1	.8		.1			
160. Suicide by Cutting Instruments.....																					
161. Suicide by Jumping from High Places..																					
162. Suicide by Crushing.....																					
163. Other Suicides.....																					
164. Fractures.....	.5	.4	.1				.2	.1	.1	.1			.3	.1	.1	.5					
165. Dislocations.....																					
166. Accidental Gunshot Wounds.....																					
166a. Injuries by Machinery.....																					
166b. Injuries in Mines and Quarries.....																					
166c. Railroad Accidents and Injuries.....	.1		.1						.1						.1	.1					
166d. Street Car Accidents and Injuries.....	.2	.2							.1			.1	.2			.2					
166e. Injuries by Horses and Vehicles.....																					
166f. Other Accidental Traumatisms.....	.6	.5	.1				.2	.2	.1	.1			.4	.2		.6					
167. Burns and Scalds.....																					
168. Burning by Corrosive Substances.....																					
169. Heat and Sunstroke.....																					
170. Cold and Freezing.....																					
171. Electricity.....																					
172. Accidental Drowning.....	.2	.2							.1	.1			.1	.1		.2					
173. Starvation, Privation, Etc.....																					
174. Inhalation of Illuminating Gas (Suicide excepted).....	.3	.3							.1	.1		.1	.2	.1		.3					
175. Other Acute Poisonings.....	.3	.2	.1						.1	.1		.1	.2	.1		.2					
176. Suffocation.....																					
176a. Injuries at Birth.....	.4	.2	.2	.4		.4							.4			.4					
176b. Homicide.....	.4	.3	.1	.1		.1			.3				.2	.1	.1	.2					
176c. Other External Violence.....																					
XIV. Ill-Defined Diseases																					
177. Dropsy.....																					
178. Sudden Death.....																					
179. Heart Failure.....																					
179a. Inanition (Over 3 months).....	.1		.1	.1		.1							.1			.1					
179b. Debility (Over 3 months).....																					
179c. Marasmus (Over 3 months).....	.4	.3	.1	.3	.1	.4							.4			.2	.1				
179d. Fever.....																					
179e. Other Ill-defined Diseases.....																					
179f. Unknown.....																					

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	1909 Jan.	Feb.	March	April
General Diseases.....	163	129	142	130	134	139	153	144	151	143	196	179
Diseases of Nervous System.....	57	50	31	45	42	51	31	46	50	46	47	38
“ of Circulatory System.....	84	73	61	62	62	63	84	73	90	92	88	96
“ of Respiratory System.....	64	52	47	47	42	54	70	80	66	59	74	56
“ of Digestive System.....	29	42	61	55	54	45	45	53	37	37	42	26
“ of Genito-Urinary System.....	31	30	37	48	35	45	48	36	58	50	50	31
Childbirth.....	9	8	6	4	2	6	4	2	6	6	2	4
Disease of the Skin.....	4	1	2	2		1	2	2	1	1	1	.....
“ of Locomotor System.....	1	.....	5	.....	1	.....	1	1	1	.....	.....	4
Malformations.....	5	3	8	3	3	4	3	2	4	1	1	3
Early Infancy.....	24	15	23	28	14	26	19	17	30	29	14	22
Old Age.....	9	7	4	7	6	6	15	13	10	16	12	19
Violence.....	61	61	54	54	42	49	41	56	46	51	50	52
Ill Defined Diseases.....	1	10	5	3	10	9	3	3	3	..	2	5
Total Deaths.....	542	481	486	488	447	498	519	528	553	531	579	535
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants.....	15.24	13.56	13.68	13.68	12.60	14.04	14.64	14.76	13.92	13.40	14.44	13.51
Under 1 Year.....	68	61	93	72	64	62	62	60	70	63	51	67
1 to 5 Years.....	19	16	20	20	16	19	19	27	20	26	50	26
5 to 70 Years.....	378	334	304	306	302	328	349	350	365	341	385	353
70 and Over.....	77	70	69	80	65	89	89	91	98	101	93	89
Unknown.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
In Public and Private Institutions.....	224	216	203	203	178	207	189	189	213	192	206	303

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,505
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,290
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,830
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,321
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,476
1908-09.....	486	488	447	498	519	528	553	531	579	513	535		

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	TOTAL
1903-04.....	500	457	536	481*	470	465	490	476	427	467	529	503	5,801
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,833
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,287
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,438
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,547
1908-09.....	557	525	515	567	654	552	579	507	589	511	526		

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

Public Institutions Under Health Dept.										U. S. Institutions	En Route — In Bay — Public Parks, Etc.																		
City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Plague Hospital	Jails and Prisons	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island- (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Ferry Boat (Bay)	On Board Ship (Bay)	Golden Gate Park	Washington Square							At Place of Residence.
12	14	6	2	2						1	131	4				2	2	2											327

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries																To Medical Colleges, Etc.						
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	Total	Indigent Dead		
74			1		8	1	1	72		2	4	7	190	3	34	2	88	9		18		44	12	12	55	637	57		

DISINTERMENTS AND REMOVALS

Disinterred From										Removed to																					
Calvary	City	I. O. O. F. (bodies)	I. O. O. F. (ashes)	Laurel Hill	Masonic	Mission Dolores	National. (Presidio)	U. S. M. H.	Total	Cypress Lawn	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Chinese)	Sunset	National, S. F.	Woodlawn	I. O. O. F. for Cremation	Laurel Hill S. F. (Ashes)	Masonic S. F. (Ashes)	To Home (Ashes)	Cal. Interior (Bodies)	Cal. Interior (Ashes)	Other States	Total
37	4	5	40	9	13		2		110	10		4	39		3			6					5	4	7	2	15	3	7	5	110

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons'	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.....	19	\$14.25 No Fee Charged	
													Certified Copies Death (at 75c. each)..... Same—For Pension Purposes, Etc.....	48 8	\$36.00 No Fee Charged	
													Permits for Removal of Bodies and Ashes. Same—at \$10 each).....	109 1	No Fee Charged \$ 10	
1	4		24	4	2		1	1	19	200	3		Total.....	185	\$60.25	
Total, 259												Total of all permits, etc., issued, 444				

Total, 259

Total of all permits, etc., issued, 444

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

To May 31, 1909

	APPROPRIATION	ALLOWANCE MAY	EXPENDED MAY	SURPLUS OR DEFICIT FOR MAY	TOTAL SURPLUS MAY 31	BALANCE REMAINING
SPECIAL SANITATION	\$ 12,911.00	\$ 375.00	\$ 466.86	\$ 91.86***	\$ 8.16	\$ 8.16
CENTRAL OFFICE:						
Salaries			5,828.50			
Expenses	80,920.00	6,743.33	1,066.43	151.60***	852.24	7595.57
			\$6,894.93			
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09***	36.48	3,269.39
Expenses	12,000.00	1,000.00	1,364.78	364.78***	1,133.61	2,133.61
CITY AND COUNTY HOSPITAL:						
Salaries			3,958.15			
Expenses	125,000.00	10,416.66	7,557.56*	1099.05****	1,042.92****	9,373.74
			\$11,515.71			
RELIEF HOME:						
Salaries			5,525.35			
Expenses	165,000.00	13,750.00	9,656.65	1432.00***	23.14	13,773.14
			\$15,182.00			
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			275.00
Expenses	3,000.00	250.00	191.26	58.74	368.70	618.70
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	433.00	2.00	2.00	437.00
Expenses	5,000.00	416.66	438.81	22.15	433.39	850.05
Totals	\$451,201.00	\$36,894.56	\$40,022.35	Surp. \$ 60.74 Def. 3,188.53	\$1,724.11	\$ 38,334.36

Of the \$15,000 appropriated for the care of patients in private hospitals, \$14,997.05 has been expended, leaving a balance of \$2.95.

*\$1,884.33 expended for care of patients in private hospitals.

***In these six instances Central Office, Salaries and Expenses, Emergency Hospital, Relief Home, Leper Hospital and Special Sanitation, the 1-12 allowances for the month were overdrawn, but there was a surplus from previous months and the allowances for the eleven months already of this fiscal year have not been overdrawn.

****The appropriation of the City and County Hospital is overdrawn to the amount of \$1,042.92.

The above statement is made upon the amount of the supplies contracted for, and when all bills are filed there will be some change, but not a material one, in the above figures.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from April	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED											Committed to State Hospital for Insane at					
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	Total	Remaining in Hospital May 31	Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah	
Central.....	5	754	759	419	168	45	35	5	73	3	7	755	4	...	...	...	...	...	...	
Harbor.....	...	474	474	423	...	...	19	...	30	...	2	474	...	...	...	...	...	...	...	
Mission.....	...	127	127	100	...	...	5	...	20	1	1	127	...	...	...	...	...	...	...	
Potrero.....	...	211	211	201	...	...	...	...	9	1	...	211	...	...	...	...	...	...	...	
Park Ambulance Station.....	...	153	153	139	...	...	2	...	12	...	...	153	...	...	...	...	...	...	...	
Insane Detention.....	2	41	43	12	...	...	1	...	...	...	...	43	4	2	2	...	11	5	6	
Totals.....	7	1760	1767	1294	168	45	62	5	144	5	10	1763	8	2	2	.....	11	5	6	

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from April	Examined for Admission	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employees
						DISCHARGED														
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission	Died	TOTAL	Remaining in Hospital May 31	Average Number Patients During Month	
391	..	..	216	....	607	69	68	6	8	.....	2	....	2	20	14	42	231	376	378	146

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from April	Admitted	TOTAL	DISCHARGED								TREATMENTS GIVEN, ETC.								
			At Own Request	For Cause	Left Without Permission	Overstayed Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	TOTAL	Remaining in Home May 31	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1302	66	1368	58	....	1	16	3	...	14	92	1276	39	49	724	651	336	537	98	39

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department	Leper Department	Plague Department
No. remaining from April ..	1 ..	16 ..	.. ..
No. admitted.....	7 8	.. ..	.. ..
No. discharged.....	.. 4	.. ..	.. ..
No. of deaths.....	.. ..	.. ..	.. ..
No. remaining May 31.....	.. 4	.. 16	.. ..
No. diagnostic visits.....	30 ..	.. ..	.. ..
No. necropsies performed...	.. ..	.. ..	.. ..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office	45	.....
Visits to patients.....	50	.....
Sent to City and County hospital.....	16	.....
Visits to jails.....	15	.....
Patients in jail.....	240	.....
Visits to prisons.....	16	.....
Patients in prison.....	208	.....
No. of vaccinations performed.....	190	.....
Special visits.....	6	.....
Hospitals inspected.....	.....	.....

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	
Jos. Butler, M.D.....	..	..	..	..	..	..	..	..	..	26	74	100	24	20	3	40	7	31	2	19	14	10	14	186	...
H. L. Curtis, M.D.	1	10	11	3	1	5	2	11	10	76	141	227	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D..	..	..	..	..	..	..	..	..	..	75	70	145	14	9	2	35	..	105	6	34	20	14	13	255	...
F. C. Muller, M.D.....	2	15	17	12	1	1	3	17	15	217	20	252	28	21	2	35	3	56	7	17	25	5	13	212	...
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	3	25	28	15	2	6	5	28	25	394	305	724	66	50	7	110	10	192	15	70	59	29	40	653	...

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Glanders 1
Erysipelas 4

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
42	47	7	69	..	5	1	..	3	174	294	419,596	4,800	313	...	65		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
J. P. Lydon	244	.....	1	174	.....	36	.....	.....	.....	.....	.....	.....	25	.....	8
E. F. Murphy	140	.....	.....	72	.....	49	.....	.....	.....	.....	.....	.....	16	.....	3
Totals	384	.....	1	246	.....	85	.....	.....	.....	.....	.....	.....	41	.....	11

Condemnations and Seizures

Fruits	Vegetables and Cereals	Canned and Bottled Goods, Dried Fruits	Poultry and Game	Miscellaneous
.....	10 boxes Rhubarb, from Jacobs - Malcom Co., 107 Washington Street.	138 cans Assorted Vegetables, 133 cans Assorted Fish, from Maillard & Schmeidell, 300 Front Street.	.....	.....
.....	2 boxes Rhubarb, from Dematei Bros., 306 Wash- ington Street.	.....	.....	.....

Samples taken for Analysis 51		
Nuisance complaints referred to Sanitary Div- ision	Nuisance complaints referred to Plumbing Division	Nuisances abated by written notice
Notices served	 1	" " " verbal "

For arrests—See under "Report of Arrests."

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE									ARRESTS MADE					
	No. of Dairy Inspections	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Con- demned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
L. Roadhouse, D. V. S., Chief.	37	..	37	4595	7	8	..	59	..	..	..	..	..	..	..
W. E. Lendrum	57	5	62	4131	2	8	1	39	4	..	1	1	..	..	1
L. B. O'Connor	2	80	82	335	1	1	..	27	..	..	..	..	..	..	..
Totals	96	85	181	9061	10	17	1	125	4	..	1	1	..	..	1

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE					
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
W. E. Lendrum	65	16	17	32	..	..	..	..	..	..	3	3	1	\$ 10	..
J. P. Lydon	33	21	..	2	1	..	9	..	..	4	1	5	3	30	1
E. F. Murphy	68	33	..	2	3	..	27	3	..	12	11	13	8	125	5
L. B. O'Connor	137	10	..	127	..	..	1	..	..	12	1	3	12	35	1
Totals	303	80	17	163	4	..	36	3	..	8	16	24	14	\$200	6

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Beeves	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	439	...	...	...	...	...	439	...	5298	1393	10550	10435	14906	...
S. J. Campbell.....	...	50	300	50	250	250	900	85000	42	1925	135	710	1250	93270
W. H. Jordan.....	195	...	...	...	...	...	195	...	5298	1393	7500	10435	14906	...
T. McEnroe.....	213	182	...	1	...	...	396	...	2663	893	5575	5418	7453	...
John Regan.....	24	310	78	38	60	65	575	...	1200	1115	1500	1260	1000	17200
Totals	871	542	378	89	310	315	2505	85000	14501	6719	25260	28258	39515	110470

*1100 sacks of Crabs examined at wharves—24 crabs to sack or total of 26400.

*Condemnations and Seizures, May, 1909.

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....	...	4700	81	8	4	8	...	...	...	...	...	...	...	...	...	...
S. J. Campbell.....	11100	...	19	...	...	...	413	...	...	...	...	...	...	...	...	...
W. H. Jordan.....	...	2400	36	28	21	13	...	...	...	...	...	...	...	...	...	...
T. McEnroe.....	...	3336	34	5	...	5	...	...	...	...	...	...	...	...	...	...
John Regan	7200	1200	19	...	...	1	168	...	...	...	...	2	2	2	\$50	...
Total.....	18300	11636	189	41	25	27	581	...	...	...	...	2	2	2	\$50	...

BEEF (LBS.)

Miller & Lux, 3rd and R. R. Avenue.....	600
Allan & Knier, 5th and R. R. Avenue.....	1451
Johnson & Co., 5th and R. R. Avenue.....	155
Johnson & Co., 1st and R. R. Avenue.....	500
H. Levy & Co., 1st Avenue.....	4688
H. Hozen, 824 Rhode Island.....	432
C. Carlson, 4240 Folsom St.....	400
F. Deller, Colma.....	1610

CALVES

Allan & Knier, 5th and R. R. Avenue.....	27
Johnson & Co., 5th and R. R. Avenue.....	8
Biggs & Co., 5th Avenue.....	13
H. Levy & Co., 1st Avenue.....	24
S. Aftergut, 4301 Mission St.....	1
J. Erasmey, Colma.....	10
M. Strauss, 2327 Bryant St.....	3
S. Kafka, 201 Octavia St.....	3
John Nolan, 484 Haight St.....	1
Chambers, Lemos & Co., 169 Washington St.....	20
J. F. Long, 1st Avenue.....	30
H. Moffat, 1st Avenue.....	14
J. G. James, 1st Avenue.....	8
J. Hoffman, 21 and 23 Locust St.....	2
J. Meyers & Co., California Market.....	1
California Meat Co., 32 Sacramento St.....	1
J. Rasmussen, 300 Rhode Island.....	1

SHEEP

Johnson & Co., 5th and R. R. Avenue.....	10
Johnson & Co., 1st Avenue.....	2
Taaffe & Co., 5th Avenue.....	1
B. Sallas, 5th & N Streets.....	6
Clayburg & Co., 1st Avenue.....	8

LAMBS

Miller & Lux, 3rd and R. R. Avenue.....	2
H. Levy & Co., 1st Avenue.....	2
Clayburg & Co., 1st Avenue.....	4

HOGS

Miller & Lux, 3rd and R. R. Avenue.....	6
White Brothers, Colma.....	1
S. S. F. P. & P. Co., 4th Avenue and M Street.....	1
Hansen & Hillebrand, 4th Avenue and M Street.....	1
Roth, Blum & Co., 6th Avenue.....	1

CHICKENS

Sanford Bros., 432 Front St.....	194
Harburgh & Co., 260 Davis St.....	219
Bianchi & Co., 317 Washington St.....	168

FISH (LBS.)

Western Fish Co., 531 Washington Street.....	5750
A. Paladini & Co., 520 Merchant St.....	11200
International Fish Co., 526 Merchant Street.....	1750

Record of Cattle Slaughtered for Human Consumption During the Month

	Beeves	Calves	Sheep	Lambs	Hogs
Butchertown	8298	2973	16435	19906	10550
Supplied from Outside of City..	7612	3369	9672	12045	1201
Totals.....	15910	6342	26107	31951	11751

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	123	115	8	..	8	..	8	..	8	..
Bath Houses.....	12	12	..	..	..	..	..	..	..	..
Laundries.....	62	56	6	..	6	..	1	..	1	..
Harmment and Shoe Factories.....	7	7	..	..	..	..	1	..	1	..
Tigar Factories.....	22	22	..	..	..	..	..	..	..	..
Restaurants.....	91	83	8	2	4	2	5	..	3	..
Meat Markets.....	7	6	1	..	1	..	..	..	..	..
Candy Factories.....	12	8	4	..	4	..	1	..	1	..
Miscellaneous and Canneries.....	49	39	10	6	2	2	12	2	8	..
Stables and Manure Wagons.....	2	2	..	..	..	..	..	..	..	..
Scavenger Wagons.....	1	1	..	..	..	..	..	..	..	..
Swill Wagons.....	1	1	..	..	..	..	..	..	..	..
Bar Barns.....	42	42	..	..	..	..	..	..	..	..
Totals.....	431	394	37	8	25	4	28	2	22	..

HY. D. MILLER, Inspector

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES										NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS			SUMMARY							First Notices Served	Last Notices Served	Total
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated			
J. J. Farrell(Chief).....	160	70	14	244	160	12800	3200	88	..	..	..	9	12	21	10	1	..	10	..	..	..
V. D. Hobro, Jr.....	216	78	34	328	216	14120	8640	78	12	8	20	25	18	43	30	5	1	7	12	9	21
R. Robertson.....	89	58	41	188	89	7120	4450	58	18	44	62	1	9	10	5	1	2	2	18	..	18
M. Mulligan.....	319	194	31	544	190	10000	2500	194	6	36	42	16	15	31	22	..	..	9	12	5	17
Thos. Casserly.....	119	63	66	248	100	9500	500	80	15	28	43	16	15	31	22	..	..	9	15	23	38
E. Sweeney.....	124	60	49	233	124	9920	4960	55	18	16	34	8	18	26	17	4	..	5	18	15	33
Totals.....	1027	523	235	1785	879	63460	24250	553	69	132	201	59	72	131	84	11	3	33	75	52	127

Number of Plans submitted.....192
Number of Buildings represented....220
Permits granted for repair work.....85

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
83	91	49	64	31	4	31	..	7	18

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
.....						

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condemned by taking up under New Ordinance	Total		
Wellings.....	10	..	10	53	7	5	65	4	3	..	7	29	29
Stables.....	6	7	13	39	10	1	50	14	6	..	20	20	10
Miscellaneous.....	6	1	7	48	6	3	57	4	3	..	7	22	28
Total.....	22	8	30	140	23	9	172	22	12	..	34	71	67

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN (Graduate Nurses), Assistants

Report on 11 Schools enrolling 5,454 pupils

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....152

No. visits to homes.....171

TOTAL VISITS.....323

101 children excluded on account of following named diseases:

Diphtheria.....	..	Acute Tonsilitis.....	..
Scarlet Fever.....	..	Contagious Skin Diseases.....	..
Chicken Pox.....	6	Pediculosis.....	..
Measles.....	19	Acute Conjunctivitis.....	..
Mumps.....	7	Miscellaneous.....	..
Whooping Cough.....	11	Contacts.....	138

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....	49	No. cases treated by operation.....	..
“ “ requiring medical attention.....	..	“ “ “ without operation.....	7
“ “ poorly nourished.....	8	“ “ “ by nurses in schools (new) 285 (old) 371.....	..
“ “ affected with pediculosis (new) 45 (old) 183.....	..	“ “ reported to societies.....	2
“ “ “ contagious skin diseases (new) 330 (old) 152.....	..		

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....	198	Number remaining to be vaccinated.....	122
Number vaccinated during month.....	98	Number excluded on account of vaccination.....	8
Number not re-vaccinated.....	85		
Immune.....	15		

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	53	157	4	214
Sputum (for Tuberculosis).....	3	17	..	20
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	1	4	..	5
Water.....	..	..	..	44
Other Examinations.....	..	..	..	..
Milk.....	..	..	..	61
Disinfectants.....	..	..	..	32
Total Examinations.....	57	178	4	376

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	L. G. Seligman.....	No poison present
Stomach.....	Coroner.....	Howard Rapkin.....	No poison present
Stomach.....	Coroner.....	Antonette Raicevich.....	No poison present
Stomach.....	Coroner.....	Delia A. Fallon.....	No poison present
Stomach.....	Coroner.....	Margaret Dodd.....	No poison present
Stomach.....	Coroner.....	Jas. McDonald.....	No poison present
Stomach.....	Coroner.....	Samuel G. Brown.....	No poison present
Stomach.....	Coroner.....	Maynard Parker.....	No poison present
Stomach.....	Coroner.....	Jeang Mone Tong.....	No poison present
Stomach.....	Coroner.....	E. D. Davis.....	No poison present
.....			
.....			

Total number of samples analyzed during month, 15

Samples of milk analyzed, 1

Samples analyzed for Police Department, 4

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory for the month of May consisted of the analysis of 317 samples of milk, 38 samples of chopped meat and sausage, 1 sample of disinfectant and 38 samples of water. Total number of analyses, 394.

MILK

Samples taken from milk wagons.....	80	below standard.....	32
Samples taken from milk depots.....	1	below standard.....	1
Samples taken from shippers.....	163	below standard.....	25
Samples taken from restaurants.....	36	below standard.....	24
Samples taken from stores.....	4	below standard.....	1
Samples taken from bakeries.....	3	below standard.....	2
Samples taken from dairies.....	11	below standard.....	9
Samples submitted by public institutions.....	12	below standard.....	6
Samples submitted by private individuals.....	7	below standard.....	2

Total number of samples analyzed..... 317; total number below standard..... 102

Percentage below standard, 32.17.

Samples sufficiently below standard to warrant arrest, 38.

Standard 3.4% milk fat; 8.5% solids not fat.

Following are the cases ordered arrested with the deficiency in each case:

NAME	DEFICIENCY			NAME	DEFICIENCY		
	Milk	Solids	Added		Milk	Solids	Added
	Fats	Not Fat	Subst.		Fat	Not Fat	Subst.
J. Cassimus, 54 East St., Baltimore Oyster House.....	0.4	0.85	Water	N. Catush, 624 20th St., Wisconsin Restaurant.....	0.9	.....	.....
H. Lapachet, Visitacion Valley, (Wagon).....	0.3	.....	.....	P. Caubu, 1119 19th Ave. S (Wagon).....	0.3	.....	.....
J. Holdiner, 1938 Folsom St., Colma Dairy.....	0.3	.....	.....	M. Moore, 305 Noe St., (Restaurant).....	0.4	.....	.....
M. F. Cardoza, Manzanita (Shipper).....	.....	0.80	Water	F. Baldi, 2178 Market St. (Grocery).....	0.35	0.28	.....
E. Chilari, Lawrence (Shipper).....	0.3	.....	.....	N. Panteildes, 3092 16th St., Liberty Oyster Grotto.....	0.6	.....	.....
P. Magee, 36 Courtland Ave. (Wagon).....	0.3	.....	.....	Lindstrom & Foff, 3084 16th St., Mission Tavern.....	0.4	.....	.....
Wm. Jordan, 277 Fourth St., St. Clement Restaurant.....	0.3	.....	.....	J. Schwartz, 900 Brannan St., North German Hotel.....	0.65	1.10	Water
R. Vukich, 206 Fourth St., Chico Grill.....	1.0	.....	.....	Bulhe & Mondott, Woolsey & University Sts., Univ. R'ch.....	0.5	.....	.....
L. Anthenien, 19 Capp St., Green Mountain Dairy (Wag)	0.35	0.4	Water	J. Mulvihill, 242 Chattanooga St., Oakwood Dairy.....	0.5	.....	.....
Cull & Byrne, Irvington (Shipper).....	0.9	.....	.....	A. Adams, 207 Sanchez St. (Bakery).....	0.75	.....	.....
J. V. Azevedo, Alexander (Shipper).....	0.8	.....	.....	J. Brown, Brighton, (Shipper).....	0.3	.....	.....
C. Rodoni, Farm Spur (Shipper).....	0.3	.....	.....	J. Brown, Brighton (Shipper).....	0.35	.....	.....
P. Caubu, 1119 19th Ave. S. (Wagon).....	0.7	.....	.....	F. Torre, Farallone City (Shipper).....	0.4	0.03	.....
P. Caubu, 1119 19th Ave. S. (Wagon).....	0.65	.....	.....	A. Samios, 992 McAllister St., Baltimore Grill.....	0.7	.....	.....
P. Brown, 1052 Kentucky St., Eagle Restaurant.....	0.6	.....	.....	F. Seamas, 763 McAllister St., Burlingame Milk Co.....	0.3	.....	.....
H. O'Donnell, 808 Kentucky St., O'Donnell Exchange.....	2.3	1.19	Water	J. Holdiner, 1938 Folsom St., Colma Dairy.....	0.3	.....	.....
G. A. De Vere, 1245 Kentucky St., George's Place.....	0.9	.....	.....	B. Cassou, Wayland & Hamilton Sts., University Mound Dy	0.4	.....	.....
M. Tarabochia, 1269 Kentucky St., Martin's Rest.....	0.8	.....	.....	E. Lauberge, 7 Mile House, Fairmount Ranch.....	0.7	0.36	Water
J. Dancis, 603 20th St., Quick Lunch Counter.....	0.8	.....	.....	E. Lauberge, 7 Mile House, Fairmount Ranch.....	1.1	.....	.....

COURT WORK (MILK CASES)

Cases in Court.....	26	Convictions.....	15
Cases carried over.....	6	Dismissals.....	5
Total amount of fines.....	\$220	Average fine.....	\$14.67

MEAT

(Chopped meat and Sausage.)

Number of Samples analyzed (representing 27 dealers).....	38
Number of samples found to contain chemical preservatives, (representing 12 dealers).....	14
Ordered arrested.....	8

All samples were examined for chemical preservatives and artificial coloring matters.

The following were ordered arrested:

NAME	SUBSTANCE	ADULTERATION FOUND.
A. Giovanetti, 76 Sanchez St.....	Chopped Pork.	Sulphites.
A. Giovanetti, 76 Sanchez St.....	Hamburg.	Sulphites.
Sam Kafka, 2740 Mission St.....	Chopped Pork.	Sulphites.
A. Alpert, 2380 Mission St.....	Hamburg.	Sulphites.
B. Brunwin, 141 Steiner St.....	Hamburg.	Sulphites.
Tassi & Sime, 2108 Market St.....	Hamburg.	Sulphites.
Christie & Symmonds, 525 Clement St.....	Hamburg.	Sulphites.
F. Buchignani, 524 Clement St.....	Hamburg.	Sulphites.
C. F. Hornung, 420 Church St.....	Hamburg.	Sulphites.
F. C. Winters, 2975 16th St.....	Bologna Sausage.	Sulphites.
H. G. Shelly, 466 Devisadero St.....	Hamburg.	Sulphites.
F. Guiliani & Co., 342 Devisadero St.....	Hamburg.	Sulphites.
F. Guiliani & Co., 312 Devisadero St.....	Pork Sausage.	Sulphites.
Yick Sang & Co., 1060 Dupont St.....	Hamburg.	Sulphites.
	Hamburg.	Sulphites.

COURT WORK (MEAT CASES)

Cases in Court.....	13	Convictions.....	7
Cases carried over.....	3	Dismissals.....	3
Total amount of fines.....	\$85.00	Average fine.....	\$12.15

WATER

Sanitary analysis was made of 38 samples of water. From the 9 City Distributing Reservoirs and the Lakes Merced, examined twice during the month, 22 samples. Miscellaneous sources, 6 samples. From the Golden Gate Park water supply, examined twice during the month, 10 samples.

The Golden Gate Park water supply is furnished by ground waters. The main supply which furnishes water to the various drinking fountains in the Park is obtained at the Park Water Works near South Drive from a number of flowing wells about 150 feet deep.

These wells flow up through the bottom of a large sump constructed of sheet piling. The water is there collected and pumped to a concrete lined reservoir on Strawberry Hill from which it is distributed to the various drinking fountains.

At two points near the beach, two sheet piling sumps about 20 feet deep are constructed for the purpose of collecting ground water. The water when collected is pumped by two large Dutch windmills and is distributed through the Park for irrigating purposes and to feed several artificial lakes.

Following are the tables of analytical results obtained by the analysis of the above mentioned samples:

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED
(PARTS PER 1,000,000)

LAB. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albumenoid Ammonia		
				265	88	177	27	0.0004	0.318	0.028	0.123	3	The average of the analyses of 78 samples of water taken from the city distributing reservoirs at intervals of one month during the year 1907-08.
582	Potrero Heights Reservoir...	May 3	Clear.....	230	80	150	18	0.001	0.588	0.028	0.172	4	Sample taken at forebay, 6 ft. below surface.
583	College Hill Reservoir.....	May 3	Slight turbidity	130	48	82	20	0.0	0.214	0.050	0.118	4	Sample taken at forebay, 6 ft. below surface.
584	University Mound Reservoir...	May 3	Clear.....	244	69	175	16	0.0	0.626	0.034	0.148	3	Sample taken at forebay, 6 ft. below surface.
585	South Lake Merced.....	May 3	Turbid.....	248	61	187	57	0.0	0.102	0.030	0.260	5	Sample taken from boat in middle of lake, 6 ft. below surface.
586	North Lake Merced.....	May 3	Turbid.....	280	77	203	60	0.0	0.098	0.034	0.330	6	Sample taken from boat in middle of lake, 6 ft. below surface.
587	Lake Honda Reservoir.....	May 3	Slight turbidity	175	45	130	33	0.0	0.11	0.022	0.218	4	Sample taken from boat in middle of lake, 6 ft. below surface.
588	Lombard Street Reservoir...	May 4	Slight turbidity	195	54	141	27	0.0	0.308	0.024	0.160	3	Sample taken at forebay, 6 ft. below surface.
589	Clay Street Tank.....	May 4	Clear.....	280	91	189	28	0.0	0.626	0.034	0.082	2	Sample taken from tank, 6 ft. below surface.
590	Presidio Heights Tank.....	May 4	Clear.....	250	70	180	17	0.0	1.086	0.058	0.090	2	Sample taken from tank, 6 ft. below surface.
591	Clarendon Heights Tank.....	May 4	Clear.....	241	70	171	16	0.0	0.642	0.018	0.158	2	Sample taken at inlet, 6 ft. below surface.
592	Francisco Street Reservoir...	May 4	Slight turbidity	231	80	151	22	0.001	0.40	0.040	0.250	4	Sample taken at forebay, 6 ft. below surface.
602	Potrero Heights Reservoir...	May 17	Clear.....	223	55	168	16	0.001	0.317	0.034	0.128	3	Sample taken at forebay, 6 ft. below surface.
603	College Hill Reservoir.....	May 17	Clear.....	130	40	90	19	0.0	0.114	0.018	0.116	3	Sample taken at forebay, 6 ft. below surface.
604	University Mound Reservoir...	May 17	Clear.....	233	45	188	16	0.0	0.514	0.014	0.098	2	Sample taken at forebay, 6 ft. below surface.
605	South Lake Merced.....	May 17	Slight turbidity	250	65	185	57	0.0	0.22	0.022	0.224	5	Sample taken from boat in middle of lake, 6 ft. below surface.
606	North Lake Merced.....	May 17	Slight turbidity	280	80	200	58	0.0	0.058	0.03	0.29	6	Sample taken from boat in middle of lake, 6 ft. below surface.
607	Lake Honda Reservoir.....	May 17	Slight turbidity	165	50	115	32	0.0	0.072	0.016	0.172	4	Sample taken from boat in middle of lake, 6 ft. below surface.
609	Clay Street Tank.....	May 18	Clear.....	272	92	180	28	0.0	0.604	0.012	0.066	2	Sample taken from tank 6 ft. below surface.
610	Lombard Street Reservoir...	May 18	Slight turbidity	198	64	134	26	0.0	0.280	0.028	0.126	3	Sample taken at forebay, 6 ft. below surface.
611	Francisco Street Reservoir...	May 18	Slight turbidity	216	72	144	24	0.0	0.188	0.032	0.156	4	Sample taken at forebay, 2 ft. below surface.
612	Presidio Heights Tank.....	May 18	Clear.....	237	48	189	18	0.0	0.930	0.038	0.058	2	Sample taken from tank, 6 ft. below surface.
613	Clarendon Heights Tank.....	May 18	Clear.....	232	73	159	17	0.0	0.504	0.024	0.068	2	Sample taken at inlet, 6 ft. below surface.

GOLDEN GATE PARK WATER SUPPLY

578	Murphy Dutch Wind Mill on South Drive.....	May 3	Slight turbidity	675	212	463	113	0.048	4.366	0.034	0.236	5	Sample taken from tap outside pump room. Depth of well 22 ft. Wooden casing.
579	Dutch Wind Mill, opp. U. S. Life Saving Station.....	May 3	Clear.....	310	90	220	53	0.004	0.51	0.040	0.070	2	Sample taken from tap outside pump room. Depth of well 14 ft. Wooden casing.
580	Tap in Children's PlayGround	May 3	Clear.....	370	139	231	42	0.0	12.642	0.008	0.042	1	
581	Park Water Works.....	May 3	Clear.....	377	149	228	43	0.040	13.18	0.020	0.052	1	Water from a series of flowing wells about 150 ft. deep.
593	Reservoir, Strawberry Hill...	May 4	Clear.....	377	139	238	42	0.050	14.818	0.032	0.084	1	Sample taken from reservoir 3 ft. below surface.
597	Park Water Works.....	May 14	Turbid.....	375	130	245	43	0.005	14.08	0.026	0.054	2	
598	Reservoir, Strawberry Hill...	May 14	Slight turbidity	360	100	260	42	0.020	15.40	0.034	0.06	1	
599	Murphy's Dutch Wind Mill on South Drive.....	May 14	Clear.....	579	120	459	94	0.035	3.586	0.05	0.148	3	
600	Drinking Tap Children's Play Ground.....	May 14	Slight turbidity	361	95	266	42	0.001	16.28	0.03	0.042	1	
601	Dutch Wind Mill opp. U. S. Life Saving Station.....	May 14	Clear with suspended matter	305	75	230	51	0.002	0.176	0.022	0.172	3	

MISCELLANEOUS

594	Well at La Grande & Brazil Sts	May 6	Clear with suspended matter	1143	521	622	206	0.014	57.20	0.052	0.192	6	Sample taken directly from well.
596	Spring, Green & Lyon Sts....	May 10	Clear with slight yellow tint....	410	80	330	26	0.030	17.57	0.062	0.218	5	
608	Tap Water from City Main at Second & Folsom Sts.....	May 17	Clear.....	247	45	202	15	0.0	0.512	0.016	0.056	2	

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of May, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM VEL.	DIREC.	TOTAL DAILY MOTION		
1	29.91	29.88	75	49	26	62	46	43	66	47	27	W	200	0	Clear
2	29.92	29.97	56	48	8	52	48	49	100	87	31	W	341	0	Part Cloudy
3	30.07	30.06	55	48	7	52	46	47	91	81	26	W	289	0	Part Cloudy
4	30.05	30.02	56	47	9	52	46	48	94	76	26	W	298	0	Part Cloudy
5	30.01	29.93	68	48	20	58	44	42	86	46	18	SW	192	0	Clear
6	29.94	29.90	59	49	10	54	45	47	86	79	30	W	308	0	Clear
7	29.90	29.91	61	49	12	55	44	46	83	81	28	SW	295	0	Part Cloudy
8	29.95	29.99	55	48	7	52	44	44	84	72	25	SW	300	0	Cloudy
9	30.04	30.05	58	50	8	54	44	41	79	59	19	NW	265	0	Clear
10	30.11	30.08	59	47	12	53	37	43	66	65	19	NW	207	0	Clear
11	30.05	29.98	61	46	15	54	42	42	82	56	18	W	178	0	Clear
12	29.95	29.87	65	48	17	56	43	45	82	59	23	W	190	0	Clear
13	29.92	29.97	58	48	10	53	46	48	92	76	32	W	321	0	Clear
14	30.09	30.09	54	48	6	51	45	46	89	87	21	W	289	0	Cloudy
15	30.05	30.01	56	48	8	52	41	44	75	70	23	SW	276	T	Clear
16	30.00	29.97	57	46	11	52	44	46	91	76	26	W	243	0	Clear
17	29.96	30.01	58	47	11	52	45	45	89	73	24	NW	262	0	Part Cloudy
18	29.97	29.97	56	48	8	52	44	46	86	76	24	W	256	0	Clear
19	29.94	29.90	60	47	13	54	45	45	89	75	33	SW	296	0	Clear
20	29.91	29.89	58	46	12	52	42	41	81	66	31	W	304	0	Part Cloudy
21	29.93	29.97	54	47	7	50	43	42	84	69	26	W	374	0	Clear
22	29.92	29.91	58	44	14	51	42	46	90	76	25	SW	258	0	Clear
23	29.95	29.96	55	47	8	51	43	45	83	73	24	W	297	0	Part Cloudy
24	30.00	29.99	64	47	17	56	45	46	91	76	29	W	273	0	Clear
25	30.06	30.02	67	49	18	58	45	45	86	59	25	NW	269	0	Part Cloudy
26	30.03	29.97	65	50	15	58	48	51	87	75	31	W	262	0	Part Cloudy
27	29.94	29.92	58	50	8	54	49	45	90	70	24	W	342	T	Part Cloudy
28	29.98	30.09	58	49	9	54	46	48	84	79	20	W	261	0	Cloudy
29	30.19	30.22	64	51	13	58	49	48	90	65	17	W	172	0	Part Cloudy
30	30.24	30.09	79	53	26	66	51	50	90	54	20	W	177	0	Clear
31	30.01	29.92	80	50	30	65	51	50	77	68	31	W	243	0	Clear
MEANS..	30.000	29.984	60.9	48.1	12.7	54.6	44.9	45.6	85.3	70.0	33	SW	8238 265.7 H. . . 11.1	T	Clear.....17 Part Cloudy...11 Cloudy 3

RECORD OF ARRESTS

MATTHEW TIERNEY,
Police Officer

PENDING AT LAST REPORT

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Jan. 18	Mike Baggani.....	State Milk Law.....	Lydon.....	Deasy...	.....	Found guilty, fined \$20.00, May 6
Mar. 6	Steve Kodlick.....	Maintaining a nuisance	Dr. Curtis.....	Deasy...	Not abated—put on reserve calendar	
April 3	John C. Suhr.....	State Milk Law.....	O'Connor.....	Shortall..	.....	Case dismissed May 7
April 3	John C. Suhr.....	State Milk Law.....	O'Connor.....	Shortall..	.....	Found guilty, fined \$25.00, May 7
April 22	John Domingos.....	Ordinance 229.....	Murphy.....	Deasy...	.....	Found guilty, fined \$25.00, May 26
April 22	Chas. F. Hornung.....	Ordinance 655.....	Murphy.....	Deasy...	Continued to June 5, 1909	
April 16	Felix P. Balendo.....	Ordinance 660.....	Lydon.....	Shortall..	.....	Found guilty, fined \$10.00, May 1
April 26	Frank Moragan.....	Ordinance 660.....	Lydon.....	Shortall..	.....	Found guilty, fined \$10.00, May 1
April 30	Julius Baumgarten.....	Ordinance 655.....	Lydon.....	Deasy...	.....	Found guilty, fined \$10.00, May 5
April 30	Alex. Trautvetter.....	Ordinance 660.....	Lydon.....	Deasy...	.....	Case dismissed May 15
April 30	Geo. Dallas.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10.00, May 1

ARRESTED DURING MONTH OF MAY

May 3	Barney Cassou.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$25.00, May 6
May 5	Thos. G. Scafidi.....	Ordinance 655.....	Murphy.....	Deasy...	.....	Case dismissed May 6
May 5	A. Shapiro.....	Ordinance 655.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10.00, May 6
May 5	W. F. Kratz.....	Ordinance 655.....	Lydon.....	Deasy...	.....	Case dismissed May 6
May 6	John A. Oswald.....	Ordinance 655.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10.00, May 7
May 6	James M. Goewey.....	Ordinance 615.....	Miller.....	Weller...	.....	Case dismissed May 17
May 11	Steven Hozen.....	Sec. 383, Penal Code..	McEnroe.....	Deasy...	.....	Found guilty, fined \$25.00, May 27
May 11	Louis Sumski.....	Sec. 383, Penal Code..	McEnroe.....	Deasy...	.....	Found guilty, fined \$25.00, May 27
May 11	Alex. Pretitis.....	Ordinance 416.....	Murphy.....	Weller...	.....	Found guilty, fined \$10.00, May 12
May 11	John Kapaparas.....	Ordinance 416.....	Murphy.....	Weller...	.....	Case dismissed May 12
May 11	James Cassimus.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10.00, May 12
May 11	Frank Galli.....	Ordinance 416.....	Lydon.....	Weller...	.....	Case dismissed May 12
May 11	Jos. Marty.....	Ordinance 660.....	O'Connor.....	Weller...	.....	Found guilty, fined \$10.00, May 12
May 11	Thos. Johnson.....	Ordinance 416.....	Murphy.....	Weller...	.....	Case dismissed May 12
May 12	Jos. Holdiner.....	Ordinance 660.....	Lendrum.....	Deasy...	.....	Case dismissed May 13
May 17	Hypolite Lapachet.....	Ordinance 660.....	Lendrum.....	Weller...	.....	Case dismissed May 18
May 18	Jos. Schwartz.....	Ordinance 229.....	Murphy.....	Deasy...	.....	Found guilty, fined \$25.00, May 19
May 19	Ed. Giuliere.....	Ordinance 229.....	Lendrum.....	Deasy...	.....	Found guilty, fined \$10.00, May 25
May 21	Patrick Magee.....	Ordinance 660.....	Lydon.....	Deasy...	.....	Found guilty, fined \$10.00, May 26
May 21	Leo Anthenien.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10.00, May 26
May 22	C. A. Carlson.....	Sec. 383, Penal Code..	Lendrum.....	Deasy...	.....	Case dismissed May 24
May 22	Wm. Jordan.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10.00, May 24
May 22	Radi Vukich.....	Ordinance 660.....	Murphy.....	Deasy...	.....	Found guilty, fined \$10.00, May 24
May 24	Sam Kafka.....	Ordinance 655.....	Murphy.....	Shortall..	Continued to June 1	
May 25	Abraham Alpert.....	Ordinance 655.....	Murphy.....	Shortall..	.....	Found guilty, fined \$10.00, May 26
May 25	Benjamin Brunwin..	Ordinance 655.....	Lydon.....	Shortall..	.....	Found guilty, fined \$10.00, May 26
May 25	Antone Tassi.....	Ordinance 655.....	Lydon.....	Weller...	Continued to June 4	
May 25	August Giovannetti..	Ordinance 665.....	Lydon.....	Deasy...	.....	Found guilty, fined \$25.00, May 26
May 25	Frank Buchignani.....	Ordinance 655.....	Lydon.....	Weller...	.....	Case dismissed May 26
May 26	John C. Christie.....	Ordinance 655.....	Lydon.....	Weller...	Continued to June 8	
May 27	D. A. Devere.....	Ordinance 660.....	Murphy.....	Weller...	Continued to June 10	
May 27	Jos. Dancis.....	Ordinance 660.....	Murphy.....	Weller...	Continued to June 10	
May 27	Martin Tarabochia.....	Ordinance 660.....	Murphy.....	Weller...	Continued to June 10	
May 27	Harry O'Donnell.....	Ordinance 660.....	Murphy.....	Deasy...	Continued to June 2	
May 27	Peter Caubu.....	Ordinance 660.....	Dr. O'Neil.....	Deasy...	Continued to June 3	
May 27	Peter Caubu.....	Ordinance 660.....	Dr. O'Neil.....	Deasy...	Continued to June 3	
May 27	Peter Caubu.....	Ordinance 660.....	J. C. Bryant.....	Deasy...	Continued to June 3	
May 28	Peter Brown.....	Ordinance 660.....	Murphy.....	Deasy...	Continued to June 3	

SUMMARY

Pending at last Report.....	11	Convicted.....	24
Arrested during month of May.....	38	Dismissed.....	12
Total.....	49	Pending— May arrests.....	11
		Previous Months.....	2
		Proof Total.....	49
Fines imposed, May cases.....			\$245.00
Fines imposed, Pending cases.....			110.00
			\$355.00

BULLETIN

OF THE

DEPARTMENT OF PUBLIC HEALTH

City and County of San Francisco, California

MONTH OF JUNE, 1909

BOARD OF HEALTH

WILLIAM OPHÜLS, M. D. . . . PRESIDENT

THOS. W. HUNTINGTON, M. D.

ARTHUR H. BARENDT

GUY E. MANNING, M. D.

JAS. W. MULLEN

EDW. D. BULLARD

WM. F. WILSON

R. G. BRODRICK, M. D., Health Officer

W. C. HASSLER, M. D., Chief Sanitary Inspector

ED. M. COFFEY, Statistician.

Deaths during Month of June, 1909	476
Less Deaths of children under one week of age	10
Non-residents	15
Deaths by violence	62 87 389
Population estimated at 475,000	Annual Death Rate per 1000 inhabitants, 9.81

DEATHS BY SEX

Males	307
Females	169

BY SOCIAL CONDITION

Single	230
Married	139
Widowed	82
Divorced	6
Unknown	19

BY COLOR

White	454
Chinese	13
Japanese	4
Black	5

BY NATIVITY

San Francisco	95
Other parts of California	80
Other States	69
Foreign Countries	214
Unknown	18

Still births registered (not included in mortality tables): Males, 18; Females, 10. Total, 28

BIRTHS REGISTERED

TOTAL	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARNTAGE		
	Male	Female	White	Chinese	Japanese	Black			United States	Germany	Great Britain	Ireland	Italy	China	Japan	France	Scandinavia	Others	Unascertained	Anglo Saxa	Latin	Others
589	289	300	574	6	5	4	5	..	260	19	9	31	53	1	5	10	30	36	10	40	9	76

Annual Birth Rate per 1,000 Inhabitants

14.88

Marriage licenses issued

470

MONTHLY STATEMENT OF DEATHS

CAUSES OF DEATH (International Classification)	Deaths reported during month June, 1909	SEX		AGE BY YEARS												SOCIAL RELATION			COLOR			
		Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African	
DEATHS FROM ALL CAUSES	476	307	169	59	28	87	9	15	49	66	64	54	67	65	230	139	107	454	13	4	5	
I. General Diseases	132	90	42	7	13	20	5	6	19	30	16	16	15	5	80	35	17	125	5	1		
II. Diseases of Nervous System	29	15	14	2	1	3	2	1	1	3	4	1	7	7	10	12	7	28	1			
III. Diseases of the Circulatory System	78	47	31					3	1	3	8	12	22	29	17	23	38	78				
IV. Diseases of the Respiratory System	48	34	14	15	6	21		1	3	3	9	3	3	5	26	13	9	44	3	1		
V. Diseases of the Digestive System	45	25	20	10	7	17	2	1	1	4	5	6	5	4	25	14	6	43	1	1		
VI. Diseases of the Genito-Urinary System	39	27	12						4	4	9	6	9	7	9	19	11	36	1		2	
VII. Childbirth	6		6					1	4	1						6		5			1	
VIII. Diseases of the Skin	1	1										1			1				1			
IX. Diseases of the Locomotor System	1		1								1					1		1				
X. Malformations	1	1		1		1									1			1				
XI. Early Infancy	19	11	8	19		19									19			19				
XII. Old Age	10	2	8										3	7	2	2	6	10				
XIII. Violence	62	51	11	1		1		2	16	18	12	9	3	1	35	14	13	59	1	1	1	
XIV. Ill-Defined Diseases	5	3	2	4	1	5									5			5				
General Diseases																						
(a) Epidemic Diseases																						
1. Typhoid Fever	6	5	1						3	1	2				4	2		6				
2. Typhus, Exanthematic																						
3. Fever, Recurrent																						
4. Fever, Intermittent and Malarial Cachexia																						
5. Smallpox																						
6. Measles	2	1	1	1	1	2									2			1	1			
7. Scarletina	5	4	1	1	1	1	1	1		2					5			5				
8. Whooping Cough	6	1	5	2	4	6									6			6				
9. Diphtheria	4	3	1	1	1	1	2	1							4			4				
9a. Croup																						
10. Influenza	1	1												1			1	1				
11. Miliary Fever																						
12. Cholera, Asiatic																						
13. Cholera, nostras																						
14. Dysentery																						
15. Pest (Plague)																						
16. Yellow Fever																						
17. Leprosy																						
18. Erysipelas																						
19. Other Epidemic Diseases																						
(b) Other General Diseases																						
20. Purulent Infection and Septicæmia	3	1	2					1				1	1		2	1		3				
21. Glanders and Farey																						
22. Malignant Pustule and Charbon (Anthrax)																						
23. Rabies																						
24. Actinomyces, Trichinosis, etc.																						
25. Pellagra																						
26. Tuberculosis of Larynx																						
27. Tuberculosis of Lungs	44	34	10	1	1	2			13	20	2	3	4		24	14	6	41	3			
28. Tuberculous Meningitis	8	3	5	1	3	4	2	1	1						8			8				
29. Tuberculosis, Abdominal	2	2		2		2									2			2				
30. Pott's Disease																						
31. Tuberculous Abscess																						
32. White Swelling																						
33. Tuberculosis of Other Organs																						
34. Generalized Tuberculosis																						
35. Scrofula																						
36. Syphilis	3	3							1	1	1				2		1	3				
37. Gonorrhœa of the Adult																						
38. Gonorrheal Infections of Children																						
39. Cancer and Other Malignant Tumors of the Buccal Cavity	1	1										1			1			1				
40. Cancer and Other Malignant Tumors of the Stomach and Liver	12	10	2							2	2	2	5	1	6	4	2	10	1	1		
41. Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum	4	2	2					1			1		2		1	2	1	4				
42. Cancer and Other Malignant Tumors of the Female Genital Organs	3		3							1	2					2	1	3				
43. Cancer and Other Malignant Tumors of the Breast	5		5									3	2			4	1	5				

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month, June, 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLÓR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
44.	Cancer and Other Malignant Tumors of the Skin.....	.2	.2								1	1			.2			.2				
45.	Cancer and Other Malignant Tumors of Other Organs & Organs not Specified.	.6	.6								1	2		.3	.3	.2	.1	.5				1
46.	Other Tumors (Tumors of the Female Genital Organs excepted).....	.1	.1		.1	1									1			.1				
47.	Rheumatism, Acute, Articular.....	.2	.1	1				1		1					1		1	.2				
48.	Rheumatism, Chronic, and Gout.....																					
49.	Scurvy.....																					
50.	Diabetes.....	.4	.2	2					1			2	1		1	1	2	.4				
51.	Goitre, Exophthalmic.....																					
52.	Addison's Disease.....																					
53.	Leukæmia.....	.1	.1		.1	1									1			.1				
54.	Anæmia, Chlorosis.....	.2	.2									2			2			.2				
55.	Other General Diseases.....																					
56.	Alcoholism, Acute and Chronic.....	.4	.3	1					1	1	2				2	.2		.4				
57.	Lead Poisoning.....	.1	.1							1						1		.1				
58.	Other Professional Intoxications.....																					
59.	Other Chronic Poisonings.....																					
I. Diseases of the Nervous System																						
60.	Encephalitis.....																					
61.	Meningitis, Simple.....	.2	.1	1	1	2									2			.2				
61a.	Meningitis, Epidemic Cerebro-spinal.....	.1	.1				1								1			.1				
62.	Locomotor Ataxia, Progressive.....																					
63.	Other Diseases of the Spinal Cord.....																					
64.	Apoplexy Cerebral.....	.16	.8	8						1	3	1	5	6	2	10	4	15	1			
65.	Cerebral Softening.....																					
66.	Paralysis.....	.2	.1	1						1				1	1		1	.2				
67.	Paralysis, General, of Insane.....	.1		1									1				1	.1				
68.	Other forms of Mental Disease.....																					
69.	Epilepsy.....	.2	.2					1	1						2			.2				
70.	Eclampsia (nonpuerperal).....																					
71.	Convulsions of Children.....	.1	.1		1	1									1			.1				
72.	Tetanus.....	.1	.1				1								1			.1				
73.	Chorea.....																					
74.	Other Diseases of the Nervous System....	.3		3						1	1		1			2	1	.3				
75.	Diseases of the Eye and Its Adnexa																					
76.	Diseases of the Ear.....																					
II. Diseases of the Circulatory System																						
77.	Pericarditis.....																					
78.	Endocarditis, Acute.....	.1	.1								1					1		.1				
79.	Organic Diseases of the Heart.....	.65	.36	29				.2	.1	3	.6	.12	.21	.20	.12	.18	.35	.65				
80.	Angina Pectoris.....	.1	.1								1				1		.1					
81.	Diseases of the Arteries (Atheroma, Aneurism, etc.).....	.9	.7	2									1	.8	.3	.3	.3	.9				
82.	Embolism and Thrombosis.....	.1	.1											1		1		.1				
83.	Diseases of the Veins.....	.1	.1					1							1			.1				
84.	Diseases of the Lymphatics.....																					
85.	Hemorrhages.....																					
86.	Other Diseases of the Circulatory System.																					
V. Diseases of the Respiratory System																						
87.	Diseases of the Nasal Fossæ.....																					
88.	Diseases of the Larynx	.1	.1		.1	1									1			.1				
89.	Diseases of the Thyroid Body.....																					
90.	Bronchitis, Acute.....	.3	.1	.2	.1	2								1	2	1		.3				
91.	Bronchitis, Chronic.....	.3	.1	.2									1	2			.3	.3				
92.	Broncho-Pneumonia.....	.9	.6	.3	.5	7					1	1			7	2	.8	1				
93.	Pneumonia.....	.27	.21	.6	.7	10			.2	3	.7	.1	.2	.2	.13	.9	.5	.26			1	
94.	Pleurisy.....	.3	.3					1	1			1			2	1		.1	.2			
95.	Pulmonary Congestion and Apoplexy...	.2	.1	1	1	1					1				1		1					
96.	Gangrene of the Lung.....																					
97.	Asthma.....																					
98.	Pulmonary Emphysema.....																					
99.	Other Diseases of the Respiratory System (Phthisis excepted).....																					

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month June, 1909	SEX		AGE BY YEARS										SOCIAL RELATION			COLOR				
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African
V. Diseases of the Digestive System																						
100.	Diseases of the Mouth and its Adnexa																					
101.	Tonsillitis																					
101a	Diseases of Pharynx																					
102.	Diseases of the Esophagus																					
103.	Ulcer of the Stomach	3	2	1									1	2		1	2	3				
104.	Gastritis																					
104a	Other Diseases of the Stomach (Cancer excepted)																					
105.	Diarrhoea and Enteritis (under 2 years)	13	8	5	9	4	13								13			12		1		
105a	Diarrhoea and Enteritis, Chronic																					
106.	Diarrhoea and Enteritis (2 years & over)	6	3	3		3	1			1				1	4	2		6				
107.	Intestinal Parasites																					
108.	Hernia																					
108a	Obstruction of Intestines	5	3	2	1		1					3		1	2	2	1	5				
109.	Other Diseases of the Intestines																					
110.	Acute Yellow Atrophy of Liver																					
111.	Tumors, Hydatid, of the Liver																					
112.	Cirrhosis of the Liver	12	7	5						1	4	3	4		3	6	3	11	1			
113.	Biliary Calculi																					
114.	Other Diseases of the Liver	1	1									1				1		1				
115.	Diseases of the Spleen																					
116.	Peritonitis, Simple (Puerperal excepted)																					
117.	Other Diseases of the Digestive System (Cancer and Tubercle excepted)																					
118.	Appendicitis and Abscess of the Iliac Fossa	5	2	3				1	1	1	2				3	2		5				
VI. Diseases of the Genito-Urinary System																						
119.	Nephritis, Acute	1	1										1		1			1				
120.	Bright's Disease	32	23	9						3	3	8	6	7	5	7	15	10	29	1		
121.	Other Diseases of the Kidneys																					
122.	Calculi of the Urinary Tract																					
123.	Diseases of the Bladder	2	2										1	1		1	1	2				
124.	Diseases of the Urethra, Urinary Ab- cess, etc.	1	1												1			1				
125.	Diseases of the Prostate																					
126.	Nonvenereal Diseases of the Male Genital Organs																					
127.	Metritis																					
128.	Hemorrhage, Uterine (nonpuerperal)																					
129.	Tumors, Uterine (noncancerous)																					
130.	Other Diseases of the Uterus	1	1							1								1				
131.	Ovarian Tumors and Cysts	2	2							1	1					2		2				
132.	Diseases of Tubes																					
132a.	Other Diseases of the Female Genital Organs																					
133.	Nonpuerperal Diseases of the Breast (Cancer excepted)																					
VII. Childbirth																						
134.	Accidents of Pregnancy																					
135.	Hemorrhage, Puerperal	1	1							1						1		1				
136.	Other Accidents of Labor	2	2							1	1					2		2				
137.	Puerperal Septicæmia	2	2							2						2		2				
138.	Puerperal Albuminuria and Convulsions	1	1							1						1		1				
139.	Phlegmasia Alba Dolens Puerperal																					
140.	Other Puerperal Accidents																					
141.	Puerperal Diseases of Breast																					
VIII. Diseases of the Skin																						
142.	Gangrene	1	1										1			1			1			
143.	Carbuncle																					
144.	Abscess																					
145.	Other Diseases of the Skin																					

MONTHLY STATEMENT OF DEATHS—CONT'D

CAUSES OF DEATH (International Classification)		Deaths reported during month June, 1909	SEX		AGE BY YEARS													SOCIAL RELATION			COLOR			
			Male	Female	Under 1 Year	1 to 5	Total under 5 yrs.	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 and over	Single	Married	Widowed, Divorced, Unas.	White	Chinese	Japanese	African		
C. Diseases of the Locomotor System																								
46.	Diseases of the Bones (nontuberculous).....	1		1								1					1		1					
47.	Arthritis and Other Affections of Joints (Tubercle and Rheumatism excepted).....																							
48.	Amputation.....																							
49.	Other Diseases of the Organs of Loco- motion.....																	1						
D. Malformations																								
150.	Hydrocephalus.....																							
150a.	Congenital Malformation of Heart—Cy- anosis.....																							
150b.	Other Congenital Malformations.....	1	1		1	1									1			1						
E. Early Infancy																								
151.	Premature Birth.....	7	5	2	7	7									7			7						
151a.	Congenital Debility.....	12	6	6	12	12									12			12						
152.	Other Diseases of Early Infancy.....																							
153.	Lack of Care.....																							
F. Old Age																								
154.	Senility.....	10	2	8										3	7	2	2	6	10					
G. Violence																								
155.	Suicide by Poison.....	6	5	1				1	1		4				4	2		6						
156.	Suicide by Illuminating Gas.....	2	2									1	1		2			2						
157.	Suicide by Hanging or Strangulation.....	3	3							2	1				2			1	2		1			
158.	Suicide by Submersion.....	2	2								1	1						1	2					
159.	Suicide by Firearms.....	13	12	1						3	6		3		6	4	3	11	1			1		
160.	Suicide by Cutting Instruments.....	1	1								1				1			1						
161.	Suicide by Jumping from High Places.....	2	1	1						2					1	1		2						
162.	Suicide by Crushing.....																							
163.	Other Suicides.....																							
164.	Fractures.....	5	5							2	2		1		4	1		5						
165.	Dislocations.....																							
166.	Accidental Gunshot Wounds.....																							
166a.	Injuries by Machinery.....																							
166b.	Injuries in Mines and Quarries.....																							
166c.	Railroad Accidents and Injuries.....																							
166d.	Street Car Accidents and Injuries.....	4	4								2	1	1		2		2	4						
166e.	Injuries by Horses and Vehicles.....	1	1										1			1		1						
166f.	Other Accidental Traumatisms.....	1	1								1						1	1						
167.	Burns and Scalds.....	1	1							1					1			1						
168.	Burning by Corrosive Substances.....																							
169.	Heat and Sunstroke.....																							
170.	Cold and Freezing.....																							
171.	Electricity.....																							
172.	Accidental Drowning.....	7	6	1				1	2	2	2				3	2	2	7						
173.	Starvation, Privation, Etc.....																							
174.	Inhalation of Illuminating Gas (Suicide excepted).....	4	1	3						1	1		2		3		1	4						
175.	Other Acute Poisonings.....	1		1							1						1	1						
176.	Suffocation.....	1		1	1	1									1			1						
176a.	Injuries at Birth.....																							
176b.	Homicide.....	8	6	2						4	3	1			5	2	1	8						
176c.	Other External Violence.....																							
H. Ill-Defined Diseases																								
177.	Dropsy.....																							
178.	Sudden Death.....																							
179.	Heart Failure.....																							
179a.	Inanition (Over 3 months).....	1		1	1	1									1			1						
179b.	Debility (Over 3 months).....																							
179c.	Marasmus (Over 3 months).....	4	3	1	3	1									4			4						
179d.	Fever.....																							
179e.	Other Ill-defined Diseases.....																							
179f.	Unknown.....																							

DEATHS ACCORDING TO CLASSIFICATION, ANNUAL RATE PER 1000, AND AGE, WITH NUMBER OF DEATHS IN PUBLIC INSTITUTIONS FOR TWELVE MONTHS

(Arranged according to Calendar Year)

	1908 May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	1909 Jan.	Feb.	March	April	May
General Diseases.....	163	129	142	130	134	139	153	144	151	143	196	163	170
Diseases of Nervous System.....	57	50	31	45	42	51	31	46	50	46	47	36	38
" of Circulatory System.....	84	73	61	62	62	63	84	73	90	92	88	83	90
" of Respiratory System.....	64	52	47	47	42	54	70	80	66	59	74	62	56
" of Digestive System.....	29	42	61	55	54	45	45	53	37	37	42	36	21
" of Genito-Urinary System.....	31	30	37	48	35	45	48	36	58	50	50	38	31
Childbirth.....	9	8	6	4	2	6	4	2	6	6	2	8	4
Disease of the Skin.....	4	1	2	2		1	2	2	1	1	1		
" of Locomotor System.....	1		5		1		1	1	1				
Malformations.....	5	3	8	3	3	4	3	2	4	1	1	1	4
Early Infancy.....	24	15	23	28	14	26	19	17	30	29	14	16	22
Old Age.....	9	7	4	7	6	6	15	13	10	16	12	14	19
Violence.....	61	61	54	54	42	49	41	56	46	51	50	56	52
Ill Defined Diseases.....	1	10	5	3	10	9	3	3	3		2	5	8
Total Deaths.....	542	481	486	488	447	498	519	528	553	531	579	513	538
Estimated Population.....	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	475,000	475,000	475,000	475,000	475,000
Annual Death Rate per 1,000 inhabitants	15.24	13.56	13.68	13.68	12.60	14.04	14.64	14.76	13.92	13.40	14.44	12.96	13.40
Under 1 Year.....	68	61	93	72	64	62	62	60	70	63	51	40	67
1 to 5 Years.....	19	16	20	20	16	19	19	27	20	26	50	34	26
5 to 70 Years.....	378	334	304	306	302	328	349	350	365	341	385	367	352
70 and Over.....	77	70	69	80	65	89	89	91	98	101	93	72	89
Unknown.....													
In Public and Private Institutions...	224	216	203	203	178	207	189	189	213	192	206	207	308

COMPARATIVE STATEMENT OF DEATHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
1903-04.....	609	553	559	620	669	689	726	653	621	664	602	540	7,500
1904-05.....	569	532	610	650	606	676	660	600	633	607	596	551	7,299
1905-06.....	554	555	573	646	646	713	795	634	743	980	543	448	7,883
1906-07.....	433	439	400	513	586	601	624	554	590	559	518	504	6,332
1907-08.....	532	490	483	529	516	636	629	552	613	473	542	481	6,447
1908-09.....	486	488	447	498	519	528	553	531	579	513	535	476	6,155

COMPARATIVE STATEMENT OF BIRTHS BY MONTHS

(Arranged according to Fiscal Years)

YEAR	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
1903-04.....	500	457	536	481	470	465	490	476	427	467	529	503	5,800
1904-05.....	494	510	519	521	471	475	471	437	492	452	506	485	5,882
1905-06.....	558	572	594	607	532	483	558	490	472	*1	†182	†238	5,288
1906-07.....	†297	373	306	375	327	348	318	378	440	405	432	439	4,435
1907-08.....	442	395	474	658	377	455	443	397	296	366	641	603	5,544
1908-09.....	557	525	515	567	654	552	579	507	589	511	526	589	6,667

*Records destroyed by fire

†Returns very incomplete

DISTRIBUTION OF MORTALITY

No.	Public Institutions Under Health Dept.								No.	U. S. Institutions				En Route — In Bay — Public Parks, Etc.										No.	At Place of Residence.
	City and County Hospital	Relief Home for Aged Infirm	Central Emergency Hospital	Harbor Emergency	Mission Emergency	Potrero Emergency	Park Ambulance Station	Leper Hospital	Smallpox Hospital	Isolation Hospital	Jails and Prisons.	Other Hospitals and Sanatoria	U. S. Marine Hospital	U. S. A. General Hospital (Presidio)	Alcatraz Island	Yerba Buena Island (U. S. Naval Station)	En Route to Hospital	In Bay of San Francisco	Pacific Ocean	On Ferry Boat (Bay)	On Board Ship (Bay)	Golden Gate Park	Holly Park		
2	16		8	4	1						1	103	2	2			4	7				2	1		287

INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED

To San Francisco Cemeteries							To San Mateo County Cemeteries															To Medical Colleges, Etc.						
Calvary Rec. Vault	I. O. O. F. Cremations	I. O. O. F. Rec. Vault	Laurel Hill Rec. Vault	Masonic Rec. Vault	National (Presidio)	U. S. Marine Hospital	Yerba Buena Island	Cypress Lawn (Interments)	Cypress Lawn (Cremations)	Eternal Home	Green Lawn	Hills of Eternity	Holy Cross	Home of Peace	Italian	Japanese	Mt. Olivet	Salem	San Mateo (Indigent)	San Mateo (Chinese)	Servian	Sunset (Indigent)	Woodlawn	To Medical Colleges	Shipped to Outside Points	TOTAL	Indigent Dead	
71			1		6			59		1	8	6	161	3	40		74	9		11		1	43	7	10	54	505	55

DISINTERMENTS AND REMOVALS

Disinterred From		Removed to	
Calvary		Cypress Lawn	
City		Eternal Home	
I. O. O. F. (bodies)		Green Lawn	
I. O. O. F. (ashes)		Hills of Eternity	
Laurel Hill		Holy Cross	
Masonic		Home of Peace	
Mission Dolores		Italian	
National. (Presidio)		Japanese	
U. S. M. H.		Mt. Olivet	
		Salem	
		San Mateo (Chinese)	
		Sunset	
		National, S. F.	
		Woodlawn	
		I. O. O. F. for Cremation	
		Laurel Hill S. F. (Ashes)	
		Masonic S. F. (Ashes)	
		To Home (Ashes)	
		Cal. Interior (Bodies)	
		Cal. Interior (Ashes)	
		Other States	
		Total	
36	140	4	10
8			1
8			37
52			8
5			10
31			
			15
			1
			3
			2
			14
			13
			13
			9
			140

STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED

PERMITS ISSUED												TRANSCRIPTS ISSUED		NO.	FEES COLLECTED	
Bath House	Laundry	Cigar Factory	Milk	Master Plumbers' Licenses	Manure Wagons	Vegetable and Manure Wagons	Swill Wagons	Scavenger Wagons	Approvals for Locations of Stables	School Attendance	Homes for Children	Maternity Hospitals	Certified Copies Birth (at 75c. each) Same—For Pension Purposes, Etc.	34	\$25.50 No Fee Charged	
													Certified Copies Death (at 75c. each) Same—For Pension Purposes, Etc.	53 4	\$39.75 No Fee Charged	
													Permits for Removal of Bodies and Ashes. Same—(at \$10 each)	138 2	No Fee Charged \$ 20	
6	3	2	18	1	1		1	1	8	61	6		Total	231	\$85.25	
Total, 102												Total of all permits, etc., issued, 333				

FINANCIAL STATEMENT OF THE DEPARTMENT OF PUBLIC HEALTH

June 30, 1909

	APPROPRIATION	ALLOWANCE JUNE	EXPENDED JUNE	SURPLUS OR DEFICIT FOR JUNE	TOTAL SURPLUS JUNE 30	BALANCE REMAINING
SPECIAL SANITATION	13,291.00	\$ 380.00	377.77	\$ 2.23	\$ 9.36	\$ 9.36
CENTRAL OFFICE:						
Salaries			6,052.72			
Expenses	80,920.00	6,743.33	1,508.31	817.70***	35.60	35.60
			\$7,561.03			
EMERGENCY HOSPITALS:						
Salaries	38,795.00	3,232.91	3,260.00	27.09***	9.45	9.45
Expenses	12,000.00	1,000.00	2,052.41	1,052.41***	91.65	91.65
CITY AND COUNTY HOSPITAL:						
Salaries			3,895.75			
Expenses	125,000.00	10,416.66	8,482.92*	1,962.01****	3,115.00****	3,115.00**
			\$12,378.67			
RELIEF HOME:						
Salaries			5,479.75			
Expenses	165,000.00	13,750.00	8,180.35	89.90	9.21	9.21
SMALLPOX HOSPITAL:						
Salaries	3,330.00	275.00	275.00			
Expenses	3,000.00	250.00	457.09	207.09***	170.21	170.21
LEPER HOSPITAL:						
Salaries	5,245.00	435.00	435.00			
Expenses	5,000.00	416.66	647.95	231.29	191.12	191.12
Totals	\$451,581.00	\$36,899.56	\$41,105.02	Surp. \$92.13 Def. \$4,297.59	Surp. \$518.60 Def. \$3,115.00	

Of the \$15,000.00 appropriated for the care of patients in private hospitals, \$14,997.05 has been expended, leaving a balance of \$2.95.

*\$2,667.18 expended for care of patients in private hospitals

In these six instances, Central Office, Salaries and Expenses Emergency Hospitals, Expenses Leper and Smallpox Hospitals, and City and County Hospital *, the 1-12 allowances for the month of June were overdrawn, but there was a surplus from previous months, and the allowances for the twelve months of the fiscal year have not been overdrawn.

The Appropriation for the City and County Hospital is overdrawn to the amount of \$3,115.00****

The above statement is made upon the amount of the supplies contracted for, and when all bills are filed, there will be some change, but not a material one, in the above figures.

BUREAU OF PUBLIC CHARITIES

REPORTS OF HOSPITALS

And Institutions Under Control of Department of Health

Emergency Hospitals

WALLACE I. TERRY, M. D., CHIEF OF STAFF

HOSPITALS	Remaining in Hospital from May	Admitted During Month	Total Cases Received and Treated	DISPOSAL OF CASES RECEIVED											Committed to State Hospital for Insane at				
				Discharged (Sent to homes)	Sent to City and County Hospital	To Relief Home Aged and Infirm	To City Prisons	To Insane Detention Hospital	To Other Hospitals and Sanatoria	To City Morgue (Dead on Arrival)	Died	Total	Remaining in Hospital June 30	Agnews	Eldridge	Glen Ellen	Napa	Stockton	Ukiah
Central.....	4	634	638	351	138	41	31	8	64	2	5	636	2	.....	.....	.....	.....	.....	.....
Harbor.....	.....	448	448	415	.....	.....	9	.....	16	3	5	448	.....	.....	.....	.....	.....	.....	.....
Mission.....	.....	156	156	130	.....	.....	11	1	13	1	.....	156	.....	.....	.....	.....	.....	.....	.....
Potrero.....	.....	242	242	230	.....	.....	1	.....	11	.....	.....	242	.....	.....	.....	.....	.....	.....	.....
Park Ambulance Station.....	.....	127	127	123	.....	.....	.....	.....	4	.....	.....	127	.....	.....	.....	.....	.....	.....	.....
Insane Detention.....	4	69	73	18	.....	2	1	.....	.....	.....	.....	67	6	.....	3	.....	16	13	14
Totals.....	8	1676	1684	1267	138	43	53	9	108	6	10	1676	8	.....	3	.....	16	13	14

City and County Hospital

WM. R. DORR, M. D., WARDEN

Remaining in Hospital from May	Examined for Admission	Rejected	Admitted	Born	TOTAL	DISPOSAL OF CASES														Average No. Officers and Employes			
						DISCHARGED															Total	Remaining in Hospital June '0	Average Number Patients During Month
						As Cured	As Improved	As Unimproved	At Own Request	Refused Treatment	Removed by Relatives or Friends	For Insubordination	Referred to Insanity Com.	Sent to Relief Home for Aged	Left Without Permission								
376	..	..	195	1	572	59	83	9	2	.....	2	....	....	15	11	40	221	351	362	116			

Relief Home for Aged and Infirm

CHAS. M. WOLLENBERG, SUPERINTENDENT

Remaining in Home from May	Admitted	Total	DISCHARGED							TREATMENTS GIVEN, ETC.									
			At Own Request	For Cause	Left Without Permission	Overstayd Pass	Sent to City and County Hospital	Sent before Insanity Com.	Died	Total	Remaining in Home June 30	Men in Hospital	Women in Hospital	Treated in Clinic	Surgical Dressings	Electrical Treatments	Prescriptions Compounded	In building No. 3	In building No. 4
1276	67	1343	45	....	....	7	4	...	16	72	1271	38	50	772	586	232	544	97	38

ISOLATION HOSPITALS

ARTHUR A. O'NEILL, M. D., Chief Surgeon

	Small Pox Department		Leper Department		Plague Department	
No. remaining from May...	4	..	16	..	..	..
No. admitted.....	2	6	..	..	..	..
No. discharged.....	..	5	..	..	..	..
No. of deaths.....	..	..	..	..	..	..
No. remaining June 30....	..	1	..	16	..	..
No. diagnostic visits.....	30	..	..	..	..	..
No. necropsies performed...	..	..	..	..	1	..

REPORT OF CITY PHYSICIAN

JAMES T. WATKINS, M. D.

Patients treated or examined at office.....	31	.....
Visits to patients.....	56	.....
Sent to City and County hospital.....	..	.....
Visits to jails.....	13	.....
Patients in jail.....	186	.....
Visits to prisons.....	15	.....
Patients in prison.....	89	.....
No. of vaccinations performed.....	123	.....
Special visits.....	1	.....
Hospitals inspected.....	2	.....

REPORTS OF SANITARY BUREAU

Under the Supervision of W. C. HASSLER, M. D., Chief Sanitary Inspector

DIVISION OF SANITARY INSPECTION

INSPECTORS	Complaints Unabated at Last Report	Complaints Filed During Month	Total	Complaints Abated	No Cause	Referred to Other Departments	Unabated	Total	Number of First Inspections	Number of Re-Inspections	Special Inspection	Total Number of Inspections	CONTAGIOUS DISEASES REPORTED												
													QUARANTINED			*INVESTIGATED									
													Diphtheria	Scarlet Fever	Smallpox	Tuberculosis	Cerebro Spinal Meningitis	Measles	Typhoid Fever	Whooping Cough	Mumps	Chicken Pox	Pneumonia	Quarantine Inspections	
Jos. Butler, M.D.....	..	25	27	9	2	4	12	27	25	72	85	157	16	17	1	29	2	18	10	8	7	12	15	137	..
H. L. Curtis, M.D.	.2	25	27	9	2	4	12	27	25	82	177	284	..	..	..	..	..	..	..	..	..	..	..	..	..
J. A. Kuykendall, M.D...	..	..	..	..	..	..	..	..	..	90	101	191	11	16	..	30	..	70	8	11	5	5	10	172	..
F. C. Muller, M.D.....	3	1	4	1	..	..	3	4	2	89	12	103	11	9	..	29	1	20	10	4	13	12	12	124	..
.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
*Totals....	5	26	31	10	2	4	15	31	27	333	375	735	38	42	1	88	3	108	28	23	25	29	37	433	..

*Nuisance complaints handled by U. S. P. H. & M. H. S. temporarily

*Glanders 7
Erysipelas 3

DIVISION OF SANITARY DISINFECTION

DISINFECTIONS PERFORMED											MATERIALS USED						
Diphtheria	Scarlet Fever	Smallpox	Phthisis Pulmonalis		Cerebro Spinal Meningitis	Typhoid	Glanders	Other Cases	Total	No. of Rooms Fumigated	Total No. Cubic Feet Disinfected	Formalin (oz.)	Sulphur (lbs.)	Crude Carbolic Acid (oz)	Petrie Dishes Placed		
46	47	1	48	..	2	1	8	..	153	276	377,272	5,460	181	640	61		

I. L. David, Thos. Kane, Disinfectors

DIVISION OF FOOD INSPECTION

INSPECTORS	Total	Candy Factories and Stores	Fish Markets	Commission Houses	Delicacy Stores	Fruit Stores	Grocery Stores	Hotels and Restaurants	Peddler Wagons	Pickle Works	Milk Depots	Bakeries	Butcher Shops	Wharves	Miscellaneous
T. P. Lydon	402	.....	1	374	2	1	.....	1	.....	.....	.....	.....	25	.....	.....
E. F. Murphy.....	310	.....	.....	254	.....	26	1	4	4	.....	.....	.....	19	.....	.....
.....															
Totals.....	712	.....	1	628	2	27	1	5	4	.....	.....	.....	44	.....	.....

Condemnations and Seizures

[illegible]

DIVISION OF DAIRY INSPECTION

INSPECTORS	INSPECTIONS MADE									ARRESTS MADE						
	No. of Dairy Inspections	No. of Dairy Depots Inspected	TOTAL INSPECTIONS	No. of Cows Inspected	No. Placed Under Quarantine	No. Condemned and Killed	No. Horses Condemned	Milk Cans Condemned	Samples of Water Taken for Analysis	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
C. L. Roadhouse, D. V. S. Chief.	50	2	52	3793	3	5	..	46	..	..	2	2	..	..	..	2
W. E. Lendrum.....	49	5	54	3593	6	10	1	10	11	..	..	..	..	..	..	..
E. B. O'Connor.....	..	102	102	....	..	..	..	78	..	..	..	..	..	..	..	..
Totals.....	99	109	208	7386	9	15	1	134	11	..	2	2	..	..	..	2

DIVISION OF MILK INSPECTION

INSPECTORS	Total	SAMPLES TAKEN FROM								ARRESTS MADE						
		Milk Wagons	Depots and Dairies	R. R. Depots and Wharves	Groceries	Delicacy Stores	Hotels and Rest's	Bakeries	Mss.	Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals	Pending
W. E. Lendrum.....	114	21	60	32	..	..	1	..	..	..	2	2	2	\$ 30	..	..
T. P. Lydon	36	16	..	17	..	1	2	..	..	1	10	11	4	50	5	12
E. F. Murphy	27	14	6	4	..	1	2	..	..	5	13	18	10	145	2	..
E. B. O'Connor	86	25	..	61	..	..	..	..	..	..	4	4	1	70	2	1
H. D. Miller.....	10	..	1	..	3	..	3	3	..	..	..	..	..	..	..	..
Totals.....	273	76	67	114	3	2	8	3	..	6	29	35	17	\$235	15	3

DIVISION OF MARKET INSPECTION

Inspections Made

INSPECTORS	Abattoirs	Markets	* Wharves	R. R. Depots	Commission Houses	Chinatown	TOTAL	Fish (lbs.)	Bees	Calves	Hogs	Sheep	Lambs	Poultry
John Brown.....	427	...	312	52	200	260	427	.....	4726	1822	6590	8323	15445	.....
S. J. Campbell.....	...	52	...	...	...	...	876	98550	155	815	192	655	940	79655
W. H. Jordan.....	375	...	...	...	...	...	375	.....	4726	1822	7300	8323	15445	.....
T. McEnroe.....	48	470	...	...	60	215	518	.....	482	510	126	926	1004	.....
John Regan.....	...	42	130	40	...	...	489	125000	38	420	120	310	600	156480
Totals	850	564	442	92	260	475	2683	223550	10127	5389	14328	18537	33434	236135

*Condemnations and Seizures.

June, 1909

INSPECTORS	Fish (lbs.)	Beef (lbs.)	Calves	Sheep	Lambs	Hogs	Chickens	Turkeys	Other Poultry	Hog Heads	ARRESTS MADE					
											Pending at Last Report	Arrests during Month	Total	Convictions	Fines Imposed	Dismissals
John Brown.....	.....	3940	30	17	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S. J. Campbell.....	12600	.....	16	.....	.....	9	651	.....	.....	.....	.....	.....	.....	.....	.....	.....
W. H. Jordan.....	.....	4950	41	23	18	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T. McEnroe.....	.....	500	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
John Regan.....	6950	.....	16	.....	.....	.....	44	.....	18	.....	.....	.....	.....	.....	.....	.....
Total	19550	9390	118	40	19	43	695	.....	18	.....	.....	.....	.....	.....	.....	.....

*The above seizures were made from dealers as shown in the following table:

BEEF	
H. Moffatt, 1st First avenue (South).....	2,540 lbs.
J. Johnson & Co., Fifth and R. R. avenue.....	550 lbs.
J. G. James, First avenue.....	3,000 lbs.
Miller & Lux, First avenue (South).....	1,900 lbs.
Standard Supply Co., Fifth avenue.....	400 lbs.

CALVES	
S. Aftergut, 4301 Mission street.....	7
H. Moffatt, First avenue, (South).....	2
Chamber & Co., 169 Washington street.....	15
J. Hoffman, 21 Locust avenue.....	13
Corriea Produce Co., 121 Washington street.....	1
J. Schweitzer Co., 1412 Bush street.....	1
Kneiss & Co., Fifth and R.R. avenue.....	26
J. Johnson & Co., Fifth and R. R. avenue.....	15
California Meat Market, 32 Sacramento street.....	1
Golden State Meat Market, 3117 Sixteenth street.....	1
J. G. James, First avenue.....	1
H. Loy, First avenue.....	14
J. F. Long, First avenue.....	13
C. Canza, 121 Fell street.....	1
J. Erasmey, Colma.....	4
P. Deller, Colma.....	2
M. Strouse, 2327 Bryant street.....	1

SHEEP	
J. Johnson & Co., Fifth and R. R. avenues.....	12
Don Biggs Co., Fifth avenue.....	16
J. G. Johnson, Fifth avenue.....	2

W. Taaffe & Co.,	2
Salles & Ohioorp.....	2
Clayburg & Co., First avenue.....	6

LAMBS	
J. Johnson & Co., Fifth and R. R. avenues.....	7
Don Biggs & Co., Fifth avenue.....	5
Wm. Taaffe & Co.....	1
Clayburg & Co., 1st avenue.....	6

HOGS	
A. Devoto, 1345 Dupont street.....	2
Miller & Lux, First avenue.....	18
Standard Supply Co., Fifth avenue.....	1
Roth, Blum & Co., Sixth and R. R. Avenues.....	13
S. S. F. P. & P. Co., Fourth avenue and M street.....	2
J. Hoffman, 21-23 Locust avenue.....	9

POULTRY	
Chambers & Co., 169 Washington street.....	18
Sanford Bros., 432 Front street.....	299

CHICKENS	
Bianchi & Co., 317 Washington street.....	305
Harbaugh & Co., 260 Davis street.....	101

FISH	
Sanford Bros., 432 Front street.....	4,900 lbs.
Western Fish Co., 531 Washington street.....	4,000 lbs.
California Fish Co., 520 Clay street.....	1,800 lbs.
A. Paladini & Co., 520 Merchant street.....	6,600 lbs.
International Fish Co., 526 Merchant street.....	450 lbs.

Record of Cattle Slaughtered for Human Consumption During the Month

	Bees	Calves	Sheep	Lambs	Hogs
Butchertown	7846	3262	14983	19195	10490
Supplied from Outside of City..	7742	2119	9005	11687	16189
Totals	15588	5381	23988	30882	26679

DIVISION OF INDUSTRIAL INSPECTION

CLASS OF PREMISES INSPECTED	Total Number of Inspections made	No. of Premises Found Sanitary	No. Found Unsanitary	Complaints Referred to Plumbing and Other Departments	First Notice Given to Abate	Last Notice Given to Abate	Premises Re-inspected	Work progressing; partially abated	Nuisances Abated	Nuisances Unabated
Bakeries.....	136	127	9	3	4	1	10	1	8	..
Bath Houses.....	9	9	..	..	..	..	..	..	..	..
Laundries.....	94	80	14	..	6	8	14	..	6	..
Garment and Shoe Factories.....	9	9	..	..	..	..	1	..	1	..
Cigar Factories.....	15	15	..	..	..	..	..	..	..	..
Restaurants.....	79	72	7	3	3	1	4	..	3	..
Meat Markets.....	8	7	1	1	..	..	1	..	1	..
Candy Factories.....	19	17	2	..	2	..	1	..	1	..
Miscellaneous and Canneries.....	18	16	2	1	1	..	1	..	1	..
Stables and Manure Wagons.....	2	2	..	..	..	..	..	..	..	..
Car Barns.....	39	39	..	..	..	..	..	..	..	..
Totals.....	428	393	35	8	16	10	32	1	21	..

HY. D. MILLER, Inspector

DIVISION OF PLUMBING INSPECTION

NAME OF INSPECTOR	INSPECTIONS MADE								NUISANCES								NOTICES		
	CONSTRUCTION				SEWERS				INSPECTIONS				SUMMARY						
	Inspections in Construction	Inspections on Completion	Inspections on work Granted by Permit	Total	No. Inspected	Cast Iron (feet)	Iron Stone (feet)	No. Curb Traps	No. First Inspection	Re-Inspections	Total	Unabated at Last Report	Received During Month	Total	Abated	Referred to other Departments	No Cause	Remaining Unabated	
T. J. Farrell(Chief).....	207	131	10	348	207	16560	4140	207	2	7	9	..	2	2	1	..	..	1	2
W. D. Hobro, Jr.	189	66	26	281	189	13230	9500	66	9	6	15	10	9	19	6	1	1	11	9
J. Robertson	90	55	41	186	90	7200	14500	55	29	52	81	7	29	36	19	5	4	8	29
P. Mulligan	313	161	50	524	211	12000	2500	161	16	48	64	2	15	17	10	1	3	3	23
Thos. Casserly.....	168	52	64	284	150	14700	300	65	22	30	52	9	23	32	22	..	..	10	22
J. E.Sweeney.....	44	31	23	98	44	3050	1750	31	11	27	38	5	11	16	11	..	..	5	11
Totals.....	1011	496	214	1721	891	66740	32690	585	89	170	259	33	89	122	69	7	8	38	96

Number of Plans submitted.....188
 Number of Buildings represented....207
 Permits granted for repair work.....74

New Fixtures Installed in Old Buildings									
Water Closets	Basins	Bath Tubs	Sinks	Wash Trays	Urinals	Slop Hoppers	Grease Traps	Cess Pools	Sewers
92	81	44	54	41	6	23	5	4	8

ARRESTS MADE						
Pending at Last Report	Arrests During Month	Total	Convictions	Fines Imposed	Dismissals	Pending
.....	3	3	1	\$10	2	.....

BOARD ACTIONS ON UNSANITARY PREMISES

CHARACTER OF PREMISES	New Cases Brought before the Board	Final Action Taken on Cases Postponed in Previous Months	Total	RESULTS OBTAINED ON ALL CONDEMNATIONS									
				Unabated Last Report	Condemned during the Month	Cases Postponed	Total	ABATED				In Process of Abatement	Unabated
								By Repair	By Demolition	Re-Condemned by taking up under New Ordinance	Total		
Dwellings.....	17	3	20	58	14	10	82	7	1	..	8	31	43
Stables.....	9	1	10	30	10	3	43	11	6	..	17	12	14
Miscellaneous.....	11	..	11	50	5	4	59	8	4	..	12	12	35
Total.....	37	4	41	138	29	17	184	26	11	..	37	55	92

DIVISION OF SCHOOL MEDICAL INSPECTION

C. R. BRICCA, M. D., Medical Inspector

JOSIE GRAHAM, EDITH FLINN (Graduate Nurses), Assistants

Owing to the fact that all schools were closed for annual vacation during this month, no school work was done. The two nurses on duty made "home" visits to the number of 340.

VISITS MADE AND CHILDREN EXCLUDED

No. visits to schools.....

No. visits to homes.....

TOTAL VISITS.....

children excluded on account of following named diseases:

Diphtheria.....
Scarlet Fever.....
Chicken Pox.....
Measles.....
Mumps.....
Whooping Cough.....

Acute Tonsilitis.....
Contagious Skin Diseases.....
Pediculosis.....
Acute Conjunctivitis.....
Miscellaneous.....
Contacts.....

RE-ADMITTANCES—TREATMENTS ADMINISTERED, Etc.

No. children re-admitted.....
" " requiring medical attention.....
" " poorly nourished.....
" " affected with pediculosis (new) (old).....
" " " " contagious skin diseases (new) (old).....

No. cases treated by operation.....
" " " without operation.....
" " " by nurses in schools (new) (old).....
" " reported to societies.....

VACCINATION REPORT

Number found to be unsuccessfully vaccinated.....

Number vaccinated during month.....

Number not re-vaccinated.....

Immune.....

Number remaining to be vaccinated.....

Number excluded on account of vaccination.....

BUREAU OF LABORATORIES

BACTERIOLOGICAL DIVISION—H. A. L. RYFKOGEL, M. D., Bacteriologist

EXAMINATIONS MADE	POSITIVE	NEGATIVE	NO GROWTH	TOTALS
Diphtheria.....	53	79	5	137
Sputum (for Tuberculosis).....	10	15	..	25
Sputum (for Pneumonia).....	..	..	..	..
Diazo Reactions.....	..	..	..	..
Widal Reactions (Blood).....	5	5	..	10
Water.....	..	..	..	56
Other Examinations.....	..	..	..	2
Milk.....	..	..	..	87
Disinfectants.....	..	..	..	29
Total Examinations.....	68	99	5	346

TOXICOLOGICAL DIVISION—FRANK T. GREEN, Toxicologist

SAMPLE	SUBMITTED BY	NAME OF CASE	RESULT
Stomach.....	Coroner.....	John Doe (supp. Frank Milton).....	No poison present.
Stomach and bottle liquid.....	Coroner.....	Mrs. C. Hall.....	No poison present.
Stomach.....	Coroner.....	John Doe.....	No poison present.
Stomach.....	Coroner.....	Jennie Burnstein.....	Carbolic acid found.
Stomach.....	Coroner.....	P. Mulkern.....	No poison present.
Stomach.....	Co oner.....	Walter Conboy.....	No poison present.
Stomach.....	Coroner.....	Arthur Leary.....	No poison present.
Stomach.....	Coroner.....	J. H. Houde.....	No poison present.
Stomach and powders.....	Coroner.....	Mrs. Annie Baker.....	Acetanilide found.
Stomach.....	Coroner.....	Earnest Scholl.....	No poison present.
Stomach.....	Coroner.....	J. D. Glendinning.....	No poison present.
Stomach.....	Coroner.....	Leo Perry.....	No poison present.
Contents of bottle.....	Coroner.....	Same.....	Chloroform found.
5 samples milk analyzed.....	City Chemist.....		Reported to City Chemist.

Total number of samples analyzed during month, 17

CHEMICAL LABORATORY

C. W. BEAVER, Chief Chemist

C. F. HOYT and R. A. JONES, Asst. Chemists

The work of the Chemical Laboratory for the month of June consisted of the analysis of 290 samples of milk, 17 samples of chopped meat and sausage, 1 sample of butter and 54 samples of water. Total number of analyses, 362.

MILK

Samples taken from milk wagons.....	76; below standard.....	33
Samples taken from milk depots.....	14; below standard.....	6
Samples taken from shippers.....	121; below standard.....	36
Samples taken from restaurants.....	8; below standard.....	5
Samples taken from stores.....	4; below standard.....	3
Samples taken from bakeries.....	3; below standard.....	3
Samples taken from dairies.....	46; below standard.....	29
Samples submitted by public institutions.....	5; below standard.....	2
Samples submitted by private individuals.....	13; below standard.....	5

Total number of samples analyzed..... 290; total number below standard..... 122

Percentage below standard..... 42.06

Sufficiently below standard to warrant arrest..... 36

Standard, 3.4% milk fat; 8.5% solids not fat.

Following are the cases ordered arrested with the deficiency in each case:

NAME	DEFICIENCY			NAME	DEFICIENCY		
	Milk Solids	Added			Milk Solids	Added	
	Fat	Not Fat	Subst.		Fats	Not Fat	Subst.
H. Jurgens, 592 Athens St., Redwood Farm (wagon)...	0.4	0.99	Water	Steeves & Wagner, 3016 Pine St., Plant Farm (wagon) .	0.1	0.82	Water
J. Finnegan, Morning Star Dairy, 200 Ney St., (wagon)	0.3	0.2	.....	M. Dettling, 386 Utah St., Del Monte Creamery (Wagon)	0.15	1.00	Water
J. Mulvihill, 242 Chattanooga St., Oakwood Dairy (wag).	0.65	.....	.....	Mrs. C. Daiss, 420 Somerset St., San Bruno Ranch (wag)	0.2	0.63	Water
J. M. Graham, Cordelia (shipper).....	0.6	0.49	.....	E. C. Leach, 40 College ave., Crystal Springs Dairy (wag)	.....	0.8	Water
Frank Rocha & Co., San Carlos (shipper).....	0.45	.....	.....	J. Brennan, 115 Highland ave. (wagon).....	0.4	0.68	Water
Gasparo Andreani, Farralome City (shipper).....	0.2	0.31	.....	Mrs. C. Gilligan, Visitacion Valley (wagon).....	0.4	1.31	Water
G. P. Pometti, Cordelia (shipper).....	0.4	.....	.....	Reidt & Schwartz, 1306 Castro St. (grocery).....	0.6	0.28	.....
M. Caetano, Vallejo (shipper).....	0.45	0.13	.....	R. Hollnagel, 1334 Castro St. (bakery).....	0.55	.....	.....
J. V. Azevedo, Alexander (shipper).....	0.3	.....	.....	Mrs. R. Warren, 1308 Castro St. (candy store).....	0.8	.....	.....
A. Thomas, Millers (shipper).....	0.4	.....	.....	P. Gumm, 3899 24th St. (bakery).....	0.7	0.31	.....
I. Sartori, Black Point (shipper).....	.....	0.30	.....	W. B. Ferguson, 1198 Guerrero St. (bakery).....	0.85	.....	.....
Bentley & Sons, Buckli (shipper).....	0.3	.....	.....	T. Sparavalo, 2628 Mission St. (restaurant).....	0.55	.....	.....
L. Zwissig, Arden (shipper).....	0.5	0.15	.....	M. Dettling, 386 Utah St., Del Monte Creamery (wagon)	0.15	0.89	Water
C. Mason, Cordelia (shipper).....	1.5	0.29	.....	A. Rosa & Co., 20 Oak Grove ave., Marin Co. Mlk Prod.	.....	.....	.....
F. Mozzetti, Benicia (shipper).....	0.4	.....	.....	(wagon).....	0.5	.....	.....
W. A. Dunne, 3691 Mission St. (grocery).....	0.1	0.6	Water	Mrs. C. Daiss, 420 Somerset St., San Bruno Ranch (wag)	.....	0.4	.....
M. Dettling, 386 Utah St., Del Monte Creamery (wagon)	0.35	0.57	.....	C. Johnson, 489 14th St., (wagon).....	0.95	.....	.....
Bulhe & Mondott, Woolsey and University Sts., Univer-	.....	.....	.....	Sorum & Gundersen, 299 Guerrero St. (restaurant)....	0.6	.....	.....
sity Ranch (wagon).....	0.4	0.2	.....	C. Evans, Fairfax Ranch, 136 Hartford St. (wagon)...	0.3	0.95	Water

COURT WORK (MILK CASES)

Cases in Court.....	37	Convictions.....	17
Cases carried over.....	6	Dismissals.....	14
Total amount of fines.....	\$235	Average fine.....	\$13.82

MEAT

(Chopped meat and Sausage.)

Number of samples analyzed (representing 16 dealers).....	17
Number of samples found to contain chemical preservatives (representing 11 dealers).....	11
Dealers ordered arrested.....	11

Following are the names of the dealers ordered arrested with the adulteration in each case:

NAME	SUBSTANCE	ADULTERATION
K. H. Hop Kee, 1000 Grant avenue.....	Hamburg	Sulphites
C. Wing & Co., 1051 Grant avenue.....	Hamburg	Sulphites
Yick Sang & Co., 1060 Grant avenue.....	Hamburg	Sulphites
Pow Sang & Co., 1067 Grant avenue.....	Hamburg	Sulphites
Wo Lung & Co., 1109 Grant avenue.....	Hamburg	Sulphites
Man Lung & Co., 1100 Grant avenue.....	Chopped pork	Sulphites
Kwong Lung & Co., 15 Washington alley.....	Hamburg	Sulphites
Tuck Hing & Co., 746 Washington street.....	Hamburg	Sulphites
Lung Sang & Co., 1110 Grant avenue.....	Hamburg	Sulphites
Baumgarten Bros., 1495 Ellis street.....	Hamburg	Sulphites
P. Loulas, 471 Valencia street.....	Hamburg	Sulphites

COURT WORK (MEAT CASES)

Cases in Court.....	17	Convictions.....	13
Cases carried over.....	1	Dismissals.....	4
Total amount of fines.....	\$180	Average fine.....	\$13.84

WATER

Sanitary analysis was made of 54 samples of water. From the nine City distributing reservoirs and the Lakes Merced, examined twice during the month, 23 samples. From the Golden Gate Park water supply, 23 samples. From miscellaneous sources, 8 samples.

A thorough examination of the source of the water supply at the Park Water Works revealed the fact that the water is not furnished by flowing wells as was reported last month, the wells being plugged so that no water flows from them. The sump from which the water is pumped at the Park Water Works is merely a collection gallery for surface water.

Following are the tables of analytical results obtained by the analysis of the above mentioned samples:

CHEMICAL LABORATORY—Cont'd

TABLE OF ANALYSES OF SAMPLES OF SPRING VALLEY WATER COMPANY'S WATERS TAKEN FROM CITY DISTRIBUTING RESERVOIRS AND THE LAKES MERCED

(PARTS PER 1,000,000)

Lab. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
614	Potrero Heights Reservoir.....	June 1	Clear.....	250	77	173	18	0.001	0.326	0.024	0.078	2	Sample taken at forebay 6 ft. below surface
615	University Mound Reservoir.....	June 1	Clear.....	254	71	183	18	0.0	0.320	0.030	0.068	2	Sample taken at forebay 6 ft. below surface
616	College Hill Reservoir.....	June 1	Slight turbidity	133	53	80	20	0.0	0.160	0.016	0.110	3	Sample taken at forebay 6 ft. below surface
617	Lake Honda Reservoir.....	June 1	Slight turbidity	183	58	125	33	0.0	0.024	0.02	0.162	3	Sample taken from boat in middle of reservoir 6 ft. below surface
618	North Lake Merced.....	June 1	Turbid.....	278	72	206	60	0.0	0.02	0.024	0.296	5	Sample taken from boat in middle of Lake 6 ft. below surface
619	South Lake Merced.....	June 1	Slight turbidity	250	65	185	59	0.0	0.064	0.024	0.238	4	Sample taken from boat in middle of lake 6 ft. below surface
620	Clay Street Tank.....	June 2	Clear.....	276	76	200	28	0.0	0.558	0.014	0.074	2	Sample taken from tank 6 ft. below surface
621	Lombard Street Reservoir.....	June 2	Clear.....	206	63	143	28	0.0	0.23	0.034	0.106	3	Sample taken at forebay 6 ft. below surface
622	Francisco Street Reservoir.....	June 2	Slight turbidity	230	60	170	25	0.0	0.06	0.028	0.196	5	Sample taken at forebay 3 ft. below surface
623	Presidio Heights Tank.....	June 2	Clear.....	250	65	185	19	0.001	0.542	0.030	0.056	2	Sample taken from tank 6 ft. below surface
624	Clarendon Heights Tank.....	June 2	Clear.....	250	67	183	18	0.0	0.512	0.016	0.076	2	Sample taken at inlet 6 ft. below surface
641	Potrero Heights Reservoir.....	June 15	Clear.....	252	59	193	19	0.001	0.230	0.034	0.524	2	Sample taken at forebay 6 ft. below surface
642	College Hill Reservoir.....	June 15	Clear.....	133	40	93	20	0.0	0.060	0.028	0.158	3	Sample taken at forebay 6 ft below surface
643	Lake Honda Reservoir.....	June 15	Slight turbidity	172	46	126	31	0.0	0.020	0.024	0.170	3	Sample taken from boat in middle of reservoir 6 ft. below surface
644	University Mound Reservoir.....	June 15	Slight turbidity	260	45	215	...	0.0	0.604	0.012	0.058	3	Sample taken at forebay 6 ft. below surface
645	South Lake Merced.....	June 15	Slight turbidity	255	64	191	58	0.0	0.020	0.024	0.204	4	Sample taken from boat in middle of lake 6 ft. below surface
646	North Lake Merced.....	June 15	Turbid.....	280	71	209	61	0.0	0.008	0.036	0.344	6	Sample taken from boat in middle of lake 6 ft. below surface
648	Francisco Street Reservoir.....	June 16	Slight turbidity	208	56	152	26	0.0	0.022	0.022	0.186	4	Sample taken at forebay 2 ft. below surface
649	Lombard Street Reservoir.....	June 16	Slight turbidity	195	47	148	27	0.0	0.026	0.018	0.184	4	Sample taken at forebay 6 ft. below surface
650	Clarendon Heights Tank.....	June 16	Clear.....	250	53	197	20	0.0	0.466	0.018	0.088	2	Sample taken from tank 6 ft. below surface
651	Clay Street Tank.....	June 16	Clear.....	234	58	176	20	0.002	0.350	0.046	0.074	2	Sample taken from tank 6 ft. below surface
652	Presidio Heights Tank.....	June 16	Clear.....	243	50	193	20	0.001	0.446	0.038	0.098	2	Sample taken from tank 6 ft. below surface
653	Potrero Heights Reservoir.....	June 17	Clear.....	256	66	190	19	0.001	0.230	0.034	0.096	2	Sample taken at forebay 6 ft. below surface

GOLDEN GATE PARK WATER SUPPLY

626	Dutch Windmill opp. U.S. Life S. S.	June 3	Clear.....	310	80	230	48	0.002	0.056	0.032	0.056	2	Sample taken from sump 3 ft. below surface
627	S. G. Murphy Dutch Windmill.....	June 3	Slight turbidity	620	180	440	101	0.055	4.15	0.030	0.222	5	Sample taken from sump 6 ft. below surface
628	Park Water Works.....	June 3	Clear with suspended matter	394	144	250	44	0.007	16.72	0.018	0.052	2	Sample taken at the pump 6 ft. below surface
629	Reservoir Strawberry Hill.....	June 3	Clear with suspended matter	373	125	248	44	0.016	15.40	0.008	0.096	2	Sample taken directly from the reservoir
633	Golden Gate Park Water Works.....	June 14	Clear with suspended matter	423	187	236	40	0.015	21.7	0.012	0.072	2	Sample taken at extreme west end of old open sump from a pool about 5 ft. deep.
634	Golden Gate Park Water Works.....	June 14	Clear with suspended matter	410	183	225	43	0.018	23.68	0.022	0.096	1	Sample taken from little stream connecting two open pools of old open sump.
635	Golden Gate Park Water Works.....	June 14	Clear, considerable susp. matr.	400	136	264	40	0.030	17.3	0.030	0.122	2	Sample taken from end of old open sump nearest pump from a pool about 20 ft. deep.
636	Golden Gate Park Water Works.....	June 14	Clear with suspended matter	374	152	222	41	0.015	15.10	0.018	0.082	1	Sample taken from main covered sump at east end near the pump. Taken 6 ft. below surface
637	Golden Gate Park Water Works.....	June 14	Clear with suspended matter	374	153	221	41	0.140	12.90	0.012	0.144	2	Sample taken from pool on top of the bank west of the pump. Pool 3 ft. deep. Taken 1 ft. below surface
638	Reservoir on side of Strawberry Hill ..	June 14	Clear with suspended matter	380	165	215	42	0.030	15.10	0.034	0.070	1	Sample taken directly from the reservoir
639	Dutch Windmill opp. U.S. Life S. S.	June 14	Clear with suspended matter	292	89	203	45	0.0035	0.572	0.088	0.074	1	Sample taken from sump 3 ft. below surface
640	S. G. Murphy Dutch Windmill.....	June 14	Clear with suspended matter	570	141	429	92	0.060	3.052	0.028	0.116	3	Sample taken from sump 6 ft. below surface
654	Golden Gate Park Water Works.....	June 21	Clear.....	385	155	230	41	0.0	14.072	0.003	0.042	1	Sample taken from west end of main sump, nearest the pump
655	Golden Gate Park Water Works.....	June 21	Clear.....	415	155	260	44	0.0	16.714	0.006	0.038	1	Sample taken at east end of main sump
656	Golden Gate Park Water Works.....	June 21	Clear.....	390	140	250	42	0.001	14.51	0.010	0.060	1	Sample taken at north end of north drift, main sump
658	Faucet at Park Lodge.....	June 22	Clear.....	383	160	223	42	0.009	13.164	0.916	0.070	2	Sample taken after passing through sand filter

CHEMICAL LABORATORY—Con'd

LAB. No.	SOURCE	DATE 1909	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	NITROGEN AS				Oxygen Consumed	REMARKS
								Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
659	Faucet at Park Lodge.....	June 22	Slight turbidity	380	150	230	42	0.006	12.302	0.018	0.098	2	Sample taken before passing through sand filter
660	Baker St. entrance, G. G. Park. Drinking fountain.....	June 28	Clear.....	375	155	220	42	0.0	13.182	0.018	0.030	1	
661	Stanyan St. entrance, G.G. Park. Drinking fountain.....	June 28	Clear.....	370	137	233	41	0.0	13.62	0.020	0.032	1	
662	Page St. entrance, G.G. Park. Drinking fountain.....	June 28	Clear.....	370	130	240	41	0.0	13.18	0.020	0.042	1	
663	Children's Play Ground. Drinking fountain.....	June 28	Slight turbidity	255	140	115	31	0.0	0.096	0.036	0.114	3	Not supplied by the Park Water Works
664	Tennis Courts G.G. Park. Drinking fountain.....	June 28	Clear.....	377	114	263	42	0.005	14.07	0.010	0.056	1	
665	Museum, G.G. Park. Drinking fountain.....	June 28	Clear.....	362	120	242	42	0.004	14.058	0.022	0.064	1	

MISCELLANEOUS ANALYSES

625	Tap at Central Emergency Hospital.....	June 3	Clear.....	130	40	90	20	0.0	0.028	0.016	0.094	4	
630	Well on prop. of S. Aftergut, 1015 16th avenue South.....	June 4	Clear.....	2445	1040	1405	532	0.0025	123.2	0.034	0.260	5	Well may receive drainage from barns and corrals
631	Well on prop. of M. Johnson, 6 Mile House, San Bruno Road.....	June 4	Clear.....	1743	872	871	339	0.060	72.6	0.026	0.160	3	Well may receive drainage from corral, barns and toilet
632	Spring at Lyon and Green Sts.....	June 7	Clear with yellowish tint	409	102	307	26	0.05	11.0	0.134	0.168	6	
647	Well at 115 Day St.....	June 15	Turbid.....	690	165	525	53	0.002	17.55	0.050	0.306	15	Open well about 35 ft. deep, situated under a dwelling house
657	Kitchen faucet at 442 Lyon St.....	June 21	Clear.....	175	56	119	32	0.0	0.104	0.028	0.120	3	
666	Well on prop. of M. B. Barros, Monticello and Lake View avenue.....	June 28	Slight turbidity	177	62	115	25	0.025	5.46	0.040	0.104	4	A dug well, 14 ft. deep, cased with boards
667	Well on prop. of Meehan, 39th Av. Oe.B	June 28	Turbid.....	205	75	130	25	0.100	5.24	0.040	0.142	5	A dug well, 15 ft. deep, cased with boards

METEOROLOGICAL OBSERVATIONS

Taken at the Weather Bureau Station, San Francisco, Cal., during the month of June, 1909

DATE	BAROMETER		TEMPERATURE				DEW POINT		RELATIVE HUMIDITY		WIND			RAINFALL IN INCHES	CHARACTER OF DAY
	5 A. M.	5 P. M.	MAX.	MIN.	Daily Range	Daily Av.	5 A. M.	5 P. M.	5 A. M.	5 P. M.	MAXIMUM	TOTAL DAILY MOTION			
											VEL.	DIREC.			
1	29.97	29.97	62	49	13	56	49	51	100	68	26	W	328	0	Part Cloudy
2	29.98	29.87	63	49	14	56	48	50	88	70	31	W	348	0	Clear
3	29.87	29.85	57	47	10	52	47	49	94	87	30	W	353	0	Part Cloudy
4	29.95	30.01	57	48	9	57	47	48	97	73	28	SW	388	0	Cloudy
5	30.04	30.00	55	48	7	52	46	47	93	81	28	SW	319	0	Clear
6	29.93	29.82	62	49	13	56	47	48	92	82	34	SW	306	0	Part Cloudy
7	29.88	29.93	62	50	12	56	48	48	91	73	34	W	320	0	Part Cloudy
8	29.99	30.01	61	50	11	56	46	48	85	73	25	SW	284	0	Part Cloudy
9	30.02	29.95	60	48	12	54	49	50	100	82	28	SW	294	0	Part Cloudy
10	30.01	30.02	57	49	8	53	48	49	98	85	29	W	305	0	Part Cloudy
11	30.07	30.03	57	49	8	53	47	47	92	71	29	SW	356	0	Clear
12	30.00	29.93	58	49	9	54	47	49	90	76	28	SW	376	0	Clear
13	29.93	29.94	56	48	8	52	45	46	86	73	22	NW	346	0	Clear
14	29.95	29.99	61	48	13	54	45	51	89	80	29	NW	296	0	Cloudy
15	30.04	30.10	62	51	11	56	52	54	100	88	30	W	255	T	Cloudy
16	30.06	30.03	59	52	7	56	50	49	96	79	24	W	286	0	Cloudy
17	29.97	30.05	57	51	6	54	46	47	84	81	19	SW	243	T	Cloudy
18	30.01	30.07	63	51	12	57	49	48	94	74	18	SW	189	T	Part Cloudy
19	30.09	30.08	59	50	9	54	48	50	91	77	25	W	265	0	Clear
20	30.05	29.99	61	50	11	56	49	53	96	78	26	SW	250	0	Clear
21	30.00	29.94	66	49	17	58	47	48	91	65	28	W	265	0	Clear
22	29.95	29.87	78	52	26	65	47	48	82	54	22	SW	161	0	Clear
23	29.85	29.85	94	63	31	78	48	46	51	26	13	NW	77	0	Clear
24	29.77	29.74	68	51	17	60	48	48	81	79	36	SW	371	0	Clear
25	29.73	29.73	61	50	11	56	47	46	89	64	34	W	350	0	Clear
26	29.81	29.89	62	51	11	56	50	54	92	94	32	SW	309	0	Clear
27	29.92	29.95	59	50	9	54	46	45	84	63	21	NW	317	0	Clear
28	29.95	29.97	60	50	10	55	46	49	87	72	26	W	301	0	Clear
29	30.02	30.06	61	51	10	56	47	48	85	65	19	W	276	0	Clear
30	30.05	29.99	66	50	16	58	45	46	81	58	24	SW	235	0	Clear
MEANS....	29.962	29.952	62.1	50.1	12.0	56.2	47.5	48.7	89.3	73.0	36	SW	8769 Amt. 292.3 11.12.2	T	Clear Part Cloudy Cloudy

RECORD OF ARRESTS

MATTHEW TIERNEY,
Police Officer

PENDING AT LAST REPORT

Date Arrest'd	NAME OF OFFENDER	LAW VIOLATED	COMPLAINANT	JUDGE	DISPOSITION	
					CONTINUANCES	FINAL ACTION
Mar. 6	Steve Kodlick.....	Maintaining a nuisance	Dr Curtis....	Deasy...	Not abated. Put on reserve calendar	
Apr. 22	Charles F. Hornung...	Ordinance 655.....	Murphy.....	Deasy...		Found guilty, fined \$25, June 5
May 24	Sam Kafka.....	Ordinance 655.....	Murphy.....	Shortall..		Found guilty, fined \$10, June 1
May 25	Antone Tassi.....	Ordinance 655.....	Lydon.....	Weller...		Case dismissed, June 9
May 26	John C. Christie.....	Ordinance 655.....	Lydon.....	Weller...		Case dismissed, June 10
May 27	D. A. Devere.....	Ordinance 660.....	Murphy.....	Weller...		Case dismissed, June 8
May 27	Jos. Dancis.....	Ordinance 660.....	Murphy.....	Weller...		Case dismissed, June 10
May 27	Martin Carabochia.....	Ordinance 660.....	Murphy.....	Weller...		Case dismissed, June 10
May 27	Harry O'Donnell.....	Ordinance 660.....	Murphy.....	Deasy...		Case dismissed, June 2
May 27	Peter Caubu.....	Ordinance 660.....	Dr. O'Neil..	Deasy...		Case dismissed, June 3
May 27	Peter Caubu.....	Ordinance 660.....	Dr. O'Neil..	Deasy...	Cont'd 30 days	
May 27	Peter Caubu.....	Ordinance 660.....	J. B. Bryant..	Deasy...	Cont'd 30 days	
May 28	Peter Brown.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$5, June 8

ARRESTED DURING MONTH OF JUNE

June 1	Michael Moore.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, June 2
June 1	Jacob Schwartz.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$25, June 2
June 1	Fred Baldi.....	Ordinance 660.....	Murphy.....	Conlan..		Case dismissed, June 2
June 1	Caesar Rodoni.....	Ordinance 229.....	Lydon.....	Deasy...		Found guilty, fined \$5, June 2
June 2	Nick Pantiledes.....	Ordinance 660.....	Lydon.....	Shortall..		Case dismissed, June 3
June 2	J. F. Lindstrom.....	Ordinance 660.....	Lydon.....	Shortall..		Case dismissed, June 3
June 3	Thos. F. Byrne.....	Ordinance 229.....	Lydon.....	Deasy...		Case dismissed, June 18
June 5	J. V. Azevedo.....	Ordinance 229.....	Lydon.....	Deasy...		Found guilty, fined \$25, June 8
June 7	Jos. Paekscher.....	Ordinance 615.....	Hobro.....	Shortall..		Found guilty, fined \$10, June 8
June 8	Adolph Adams.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$5, June 9
June 8	Edward Johnson.....	Ordinance 615.....	Hobro.....	Shortall..		Case dismissed, June 9
June 9	Michael Catush.....	Ordinance 660.....	Murphy.....	Weller...		Found guilty, fined \$10, June 15
June 9	Manuel Cordoza.....	Ordinance 229.....	O'Connor....	Deasy...	Cont'd to July 1	
June 10	John Bulhe.....	Ordinance 660.....	Lydon.....	Deasy...	Cont'd to July 12	
June 10	H. G. Shelly.....	Ordinance 655.....	Lydon.....	Deasy...		Found guilty, fined \$10, June 23
June 10	Ferdinand Giuliani...	Ordinance 655.....	Lydon.....	Deasy...		Case dismissed, June 15
June 10	Ferdinand Giuliani...	Ordinance 655.....	Lydon.....	Deasy...		Found guilty, fined \$25, June 15
June 10	F. C. Winters.....	Ordinance 655.....	Murphy.....	Deasy...		Case dismissed, June 23
June 10	Ah Yick.....	Ordinance 655.....	Murphy.....	Weller...		Found guilty, fined \$10, June 15
June 11	C. F. Hornung.....	Ordinance 655.....	Murphy.....	Deasy...		Case dismissed, June 12
June 11	Joseph Mulvihill.....	Ordinance 660.....	Lydon.....	Deasy...		Case dismissed, June 12
June 14	Andrew Samois.....	Ordinance 660.....	Lydon.....	Deasy...		Found guilty, fined \$10, June 15
June 14	John Finnegan.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, June 15
June 14	Quan Ilim.....	Ordinance 615.....	Miller.....	Deasy...	Cont'd to July 16	
June 15	Frank Seamas.....	Ordinance 660.....	Lydon.....	Weller...		Case dismissed, June 16
June 15	Barney Cassou.....	Ordinance 660.....	Murphy.....	Weller...		Case dismissed, June 18
June 15	Henry Jurgens.....	Ordinance 660.....	Lydon.....	Deasy...		Found guilty, fined \$10, June 16
June 15	Joseph M. Graham....	Ordinance 229.....	Murphy.....	Deasy...	Cont'd to July 16	
June 16	Phillip Torre.....	Ordinance 229.....	Murphy.....	Deasy...		Found guilty, fined \$10, June 18
June 17	Joseph Holdener.....	Ordinance 660.....	Murphy.....	Weller...		Case dismissed, June 18
June 18	Tuck Hing.....	Ordinance 655.....	Lydon.....	Weller...		Found guilty, fined \$10, June 19
June 18	Kwong Song.....	Ordinance 655.....	Lydon.....	Weller...		Found guilty, fined \$10, June 19
June 18	Man Lung.....	Ordinance 655.....	Lydon.....	Weller...		Found guilty, fined \$10, June 19
June 18	Wo Lung.....	Ordinance 655.....	Lydon.....	Weller...		Found guilty, fined \$10, June 19
June 18	Lung Sang.....	Ordinance 655.....	Lydon.....	Weller...		Found guilty, fined \$10, June 19
June 18	Yick Sang.....	Ordinance 655.....	Lydon.....	Deasy...		Found guilty, fined \$10, June 19
June 18	Hop Kee.....	Ordinance 655.....	Lydon.....	Deasy...		Found guilty, fined \$25, June 19
June 18	Pow Sang.....	Ordinance 655.....	Lydon.....	Deasy...		Found guilty, fined \$10, June 19
June 18	C. Wing.....	Ordinance 655.....	Lydon.....	Deasy...		Found guilty, fined \$25, June 19
June 21	Silvio Pometta.....	Ordinance 229.....	Murphy.....	Deasy...		Found guilty, fined \$10, June 26
June 22	Frank Rocha.....	Ordinance 229.....	Lendrum.....	Deasy...		Found guilty, fined \$10, June 23
June 22	Edward Lauberge.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$50, June 29
June 23	Joseph Schwartz.....	Ordinance 615.....	Casserly....	Deasy...		Case dismissed, June 25
June 23	Ernest Bentley.....	Ordinance 229.....	O'Connor....	Deasy...		Case dismissed, June 29
June 23	G. Andrini.....	Ordinance 229.....	Lendrum.....	Deasy...		Found guilty, fined \$20, June 25
June 24	Ignacio Sartori.....	Ordinance 229.....	O'Connor....	Deasy...		Found guilty, fined \$10, June 25
June 25	Joseph Mulvihill.....	Ordinance 660.....	O'Connor....	Deasy...		Case dismissed, June 26
June 29	W. A. Dunne.....	Ordinance 660.....	Murphy.....	Deasy...		Found guilty, fined \$10, June 30
June 29	Michael Dettling.....	Ordinance 660.....	Lydon.....	Deasy...	Cont'd to July 7	
June 30	James Brown.....	Ordinance 229.....	Lydon.....	Deasy...	Cont'd to July 7	

SUMMARY

Pending at last report.....	13	Convicted.....	32
Arrested during month of May.....	50	Dismissed.....	22
		Pending June Arrests.....	6
		“ Previous months.....	3
Total.....	63	Proof total.....	63
		Fines imposed, June cases.....	\$405.00
		Fines imposed, pending cases.....	40.00
			\$445.00

